MILLERS FALLS TOOLS

SINCE 1868

REVISED APRIL 1955

HAND TOOL SECTION

CATALOG 49

W. S. JENKS & SON,
723 - 7TH ST., N. W.
NA. 8-0848

MILLERS FALLS TOOLS
SINCE 1868

HAND TOOL

SECTION

CATALOG 49

REVISED TO
APRIL 1, 1955

MILLERS FALLS COMPANY
GREENFIELD, MASSACHUSETTS, U. S. A.

CHICAGO	LOS ANGELES	FORT WORTH	NEW YORK
612 W. Randolph St.	5261 E. Beverly Blvd.	2711 Race Street	28 Warren Street

Cable Address: "Millerfall" Greenfield *Codes:* Acme and Bentley's

IMPORTANT INFORMATION

CATALOG NO. 49 ABRIDGED AND REVISED

This new printing of the No. 49 Catalog is confined to hand tools and a few attachments for electric drills. Power Hack Saw Blades, Band Saws, Blu-Mol Hole Saws, Electric Tools, Machinists and Precision Tools and Parts have been omitted. Full information covering these lines is available on request.

NEW TOOLS

New tools will be found on pages 4 to 21 inclusive.

SPECIFICATIONS

Standard specifications for each tool appear in this catalog. No deviations will be made unless severe difficulty is met in procuring certain materials, or improvements in construction and finishes are made.

WARRANTY

Every tool stamped with the Millers Falls name is warranted free from imperfections and defects in material or workmanship. Our obligation under this warranty is expressly limited to the following: If any tool proves to be imperfect or defective under conditions of normal use, we agree to repair or replace the tool, if immediately returned to our factory at Greenfield, Massachusetts, transportation charges prepaid. Under no circumstances, however, do we assume responsibility for breakage where flaws do not appear or for tools which have suffered from abusive treatment or which have been stamped with the owner's name, changed or experimented upon. No dealer is authorized to make replacements for us. This warranty is made in lieu of all other warranties, expressed or implied, and all other obligations on our part. We neither assume nor authorize any agent or other person to assume for us any further liability in connection with the sale of our tools.

PARTS AND REPAIRS

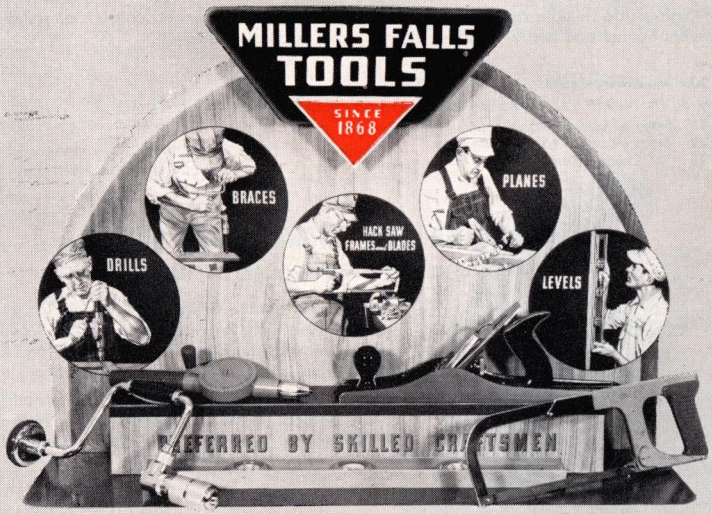
Repair parts can be furnished for any tool shown in this catalog. Customers should state clearly just what new parts are wanted, giving the number of the tool and any other data that will help avoid error in filling the order. Owing to the considerable expense of round trip transportation, in addition to repair costs, it is recommended that the owner make his own repairs whenever it is possible. Estimates on repairs and prices of repair parts will be gladly furnished on request.

PRICES

All prices are F. O. B. Factory and are subject to change without notice. Orders are accepted only on the basis that they will be shipped at prices in effect at the time of shipment.

NO. 1100 PLANE DISPLAY

NEW TOOLS

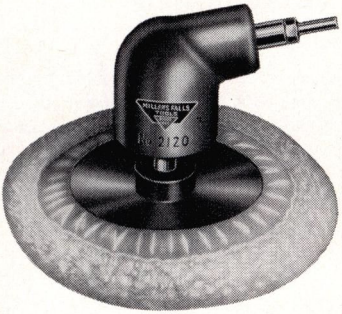


NO. 800 DISPLAY UNIT FOR GENERAL ASSORTMENT

These displays are FREE to any dealer stocking MILLERS FALLS TOOLS.

MILLERS FALLS TOOLS
SINCE 1868

NO. 2120 BUFFING AND SANDING ATTACHMENT



FOR USE WITH ANY ¼" ELECTRIC DRILL TWO SPEEDS — HIGH 2 TO 1 — LOW 1 TO 2

This sturdy 2-speed drive has precisely machined steel gears, cut from solid blanks, running smoothly in grease. The two ground spindles run in extra long "Oilite" self-lubricating bearings. The drive angle is slightly more than a right angle (100°) to provide clearance for the drill and cord.

An adapter with ¼" shank is supplied which can be screwed into the end of either spindle depending on whether a lower or higher speed than drill speed is desired.

A 5" high-grade flexible rubber pad is supplied which can be screwed onto either spindle. A 5" lamb's wool bonnet and two 5" sanding discs (#1 and #00) also supplied.

		Weight	Price Each
No. 2120	Attachment Complete	2¼ lbs.	

Packed one in a counter display carton illustrated

No. 2121 Extra 5" Lamb's Wool Bonnets
No. 2122 Extra #1 or #00-5" Sanding Discs
No. 2125 ¼" Chuck for use with No. 2120

Packed one in a box

NOS. 2130 AND 2135 RIGHT ANGLE DRIVES

FOR USE IN THE TIGHT SPOTS — FITS ANY ¼" ELECTRIC DRILL

With a drive spindle threaded, externally or internally, ⅜" diameter with 24 threads per inch. Mounted by simply removing chuck from drill, screwing on No. 2130 and screwing chuck on free end. Gear ratio 1 to 1

Gears, cut from solid steel blanks, run smoothly in the grease sealed housing. Spindles run in long "Oilite" self-lubricating bearings. Reversible side handle supplied.

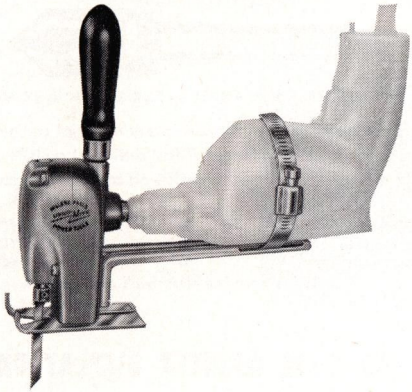
		Weight	Price Each
No. 2130	Right Angle Drive	1¼ lbs	

Packed one in a counter display carton

No. 2135	Right Angle Drive To fit Millers Falls Drills Nos. 814 and 914	1¼ lbs.	

Packed one in a box

NO. 2140 JIG SAW ATTACHMENT



UNIVERSAL — FITS ANY ¼" ELECTRIC DRILL — CAPACITY — IN WOOD 1½" — IN STEEL ⅛"

Makes any electric drill a power jig saw, hack saw, rip, crosscut, keyhole or coping saw.

Cuts hard and soft woods, steel, iron, non-ferrous metals, plastics, wall board, plywood, etc.

Perfect visibility of the point of cut — kept free of sawdust by a built-in blower. Permits smooth accurate cuts. Mahogany finished handle gives excellent control.

Makes its own starting hole in wood and cuts round or square holes, curves or straight lines.

The frame, of die cast aluminum, houses the rugged mechanism that consists of only three moving parts packed in grease. The drive shaft, has a universal joint which insures maximum power at the saw. Both it and the reciprocating shaft run in long self-lubricating "Oilite" bearings.

Regularly equipped with four blades—2 for wood and 2 for metal—in a convenient plastic pocket, and a hex key for chuck.

		Weight	Price Each
No. 2140	Universal Jig Saw Attachment	2 lbs.	

Complete with steel bracket, clamp ring and handle.

Packed one in the display box illustrated

EXTRA BLADES

		Price Each
"A"	Blades — 7 Tooth Wood	
"B"	Blades — 10 Tooth Wood	
"C"	Blades — 14 Tooth Metal — High Speed Steel	
"D"	Blades — 32 Tooth Metal — High Speed Steel	
"E"	Knife Blade	

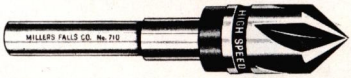
Packed 3 blades in an envelope — 30 blades per box

No. 2141 Set of 4 (1 each A, B, C and D as above) in plastic pocket. Per Set

Packed 10 sets in a box

MILLERS FALLS TOOLS
SINCE 1868

NO. 710 HIGH SPEED STEEL COUNTERSINKS



FAST-CUTTING — FIVE FLUTES — 82° ANGLE — FOR USE IN ANY MACHINABLE MATERIAL

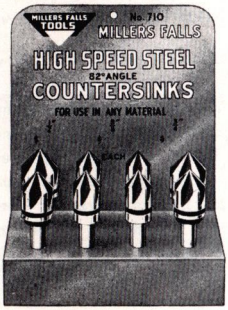
Made of a fine grade of high-speed steel for use in any material ordinarily machinable with a high-speed cutter. Has five, carefully ground flutes for fast cutting at an 82° angle for wood and machine screws. Shank is ¼" in diameter for use in three-jawed chucks. Length overall, 2½ inches.

		Diameter	Code	Price Each
No. 710	High Speed Countersink	½"	YODER	
No. 710	High Speed Countersink	⅜"	YODIT	
No. 710	High Speed Countersink	¾"	YODOS	

Packed in individual plastic vials. Four per box

NO. 7108 COUNTER DISPLAY UNIT

This is a neat compact metal counter display unit with a base only 2⅜" x 4¼" and 5½" high. It is attractively silk screened in black and white on a solid bright red background. It can't fail to sell countersinks.



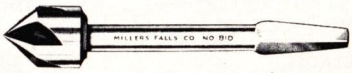
The assortment of No. 710 Countersinks is as follows:

	List Each	Total
4 — No. 710 — ½"		
2 — No. 710 — ⅜"		
2 — No. 710 — ¾"		
Display Fixture		**FREE**

No. 7108 Display Unit Complete

Packed one unit in a carton — Weight 1½ lbs.

NO. 810 COUNTERSINKS



ROSE PATTERN WITH FIVE FLUTES — 82° ANGLE

Cut fast and clean in soft steel, iron, non-ferrous metals, woods, and other similar materials to admit heads of standard 82° machine or wood screws. Made of a fine grade of tool steel with carefully hardened, tempered and ground flutes. Square bit brace shanks.

	Diameter	Length	Code	Price Dozen
No. 810	½"	4¼"	YOGAL	
No. 810	⅜"	4¼"	YOGIT	
No. 810	¾"	4¼"	YOGOB	

Packed six of a size in a box. Average weight per box ¾ lb.

MILLERS FALLS TOOLS
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NO. 800 HIGH SPEED STEEL POWER BITS

THE FINEST BIT MADE

Here is an entirely new conception of a bit for use in electric drills and drill presses. It is ideal for any craftsman, and particularly so for steamfitters, plumbers and electricians. The blade is made of fine high speed steel which holds its edges ten times longer than ordinary tool steel. Drilling heat that would draw the temper of ordinary tool steel bits has no effect on Dyno-Mite bits. It cuts fast and clean, even at angles, in hard and soft woods, plastics, plywood and similar materials. It is easily resharpened on a grinding wheel. Wire nails or screws encountered in boring through floors or partitions can be cut without damage.

Stays sharp 10 times longer than ordinary bits.

Cut through wire nails and screws. **CUT FAST** **CUT CLEAN**

Depth of Cut — 5″ Shanks are ¼″ milled for 3-jawed chucks Overall Length — 6½″

No.	Diam.	Shank	Weight Box	Price Each	No.	Diam.	Shank	Weight Box	Price Each
800	⅜″	¼″	8 oz.		**800**	¾″	¼″	14 oz.	
800	½″	¼″	10 oz.		**800**	⅞″	¼″	16 oz.	
800	⅝″	¼″	13 oz.		**800**	1″	¼″	17 oz.	

Packed six in a box

SETS IN PLASTIC ROLLS

		Weight	Price Set
No. 8004	Set of 4 (½″ — ⅝″ — ¾″ — 1″)	¾ lbs.	
No. 8006	Set of 6 (⅜″ — ½″ — ⅝″ — ¾″ — ⅞″ — 1″)	1 lb.	

Packed one set in a box.

No. 835 12″ Extension with Hex Key

Packed four in a box

NO. 8001 POWER BIT DISPLAY UNIT

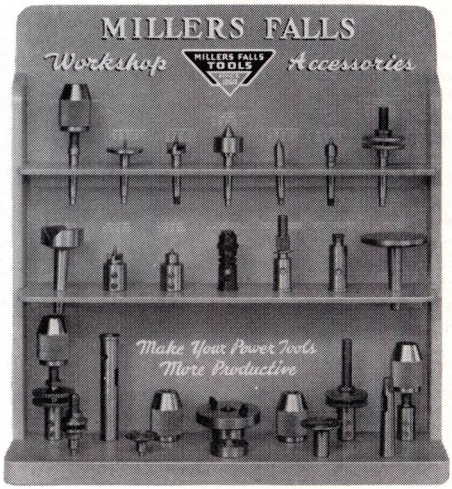
"DYNO-MITE" — The fast, clean-cutting, high speed steel power bits are attractively displayed on this very compact, sparkling, four-color display unit requiring only ¼ square foot of counter or window space. Actual proof of their ability to cut through screws and wire nails is evidenced by the wood block on the left end of the base, showing two screws and a nail so cut. It convinces the customer and sells bits. The unit consists of the display fixture, which is free, one No. 8006 Set of six bits, and three each of the six individual sizes as follows:

1 — No. 8006 Set of Six	3 — No. 800–¾″	
3 — No. 800–⅜″ Bits	3 — No. 800–⅞″	
3 — No. 800–½″ Bits	3 — No. 800–1″	
3 — No. 800–⅝″ Bits	1 — Display Unit	**FREE**

No. 8001 Display Unit Complete .....

Packed one complete unit in a carton. Approximate shipping weight 7 lbs.

NO. 901 WORKSHOP ACCESSORY DISPLAY UNIT



Add this Hard-working Salesman to the staff of your power workshop department.
For details of individual items see pages 95-98

Here, in the carefully selected line of Millers Falls Workshop Accessories, are the attachments for lathes, drill presses, portable drills, shafts of motors and bench grinders and power driven arbors that the power workshop owner wants most. They are irresistible because they greatly increase the usefulness of his equipment at very low cost. The substantial wood and masonite display fixture, illustrated, is entirely free with an initial order for the accessories which go on it. These items are as follows:

No. 964 ½" Chuck with #2 MT
No. 942 Screw Face Plate #2 MT
No. 924 Spur Center #2 MT
No. 936 BB Point Center #2 MT
No. 932 Point Center #2 MT
No. 914 Cup Center #2 MT
No. 954 Work Arbor #2 MT
No. 938 Crotch Center
No. 917 Spur Center
No. 915 Cup Center
No. 984 Collet Chuck #33 J. Arbor
No. 978 Shaper Adapter #33 J. Arbor
No. 980 Shaper Adapter #33 J. Arbor

No. 960 Drill Pad #2 MT
No. 946 Work Arbor with Chuck
No. 982 Taper Adapter
No. 966 ½" Drill Chuck
No. 926 Face Plate
No. 990 Collet Chuck
No. 956 Work Arbor
No. 970 Chuck with Socket
No. 986 Wheel Arbor ¼" Shank
No. 992 Disc Holder ¼" Shank
No. 976 Shaper Collars
No. 994 Disc Holder — threaded socket
No. 944 MT Adapter Sleeve

Additional shelf stock can be ordered to fit individual requirements. If you feature a power tool department this display will pay big dividends in increased sales and profits.

		Dimensions	Price Each
No. 901	Display Unit Complete	21½" x 20" x 6"	

Packed one unit in a carton. Weight 18 lbs.

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NO. 5904 LEVEL DISPLAY UNIT

This colorful red, black and white counter display unit has demonstrated its ability to increase the sales of levels and do a real merchandising job for the dealer who displays it. Counter space required is only 5 by 10½ inches.

The four No. 590 Torpedo Levels (See Page 53) packed in to make this unit have one level and two plumb vials; one at 90° and one at 45°. The vials are of the cat's eye type which are easier to read in poorly lighted locations.

These vials are set in a glossy black "Bakelite" body, an ideal material due to its great strength, imperviousness to moisture and oil, and the fact that it is affected less by changes in temperature than either wood or metal.

The top plate is a heavy piece of polished "Nickeloid" which is set flush with the body and gives good protection to the level vial.

Overall length of levels — 9 inches. Weight — 4 ounces each. The price of the complete unit is the price of the 4 levels only.

	Weight per Unit	Price Each
No. 5904 Display Unit Complete with 4 No. 590 Levels	1¼ lbs.	

NO. 490 TORPEDO LEVEL

ONE 90° PLUMB AND ONE LEVEL

A handsome new featherweight level made from a selected billet of cherry with a rich natural finish. One level and one plumb vial of the cat's eye type are accurately set in the frame. Level vial is amply protected by an aluminum plate.

	Length	Weight	Price Each
No. 490 Torpedo Level	9"	2½ oz.	

Packed six in a box

MILLERS FALLS TOOLS
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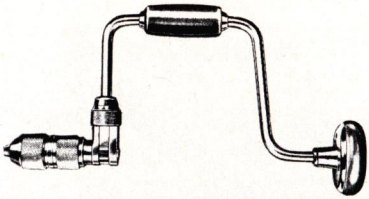
NO. 1950 RATCHET BIT BRACE



Unbreakable HEAD and HANDLE of GLOSSY RED "TENITE" — 10 inch Sweep

Here is a new low-price leader that is sure to stimulate sales and add zest to any tool department. We predict that it will be the greatest volume seller in its field. Head and sweep handles are solid, glossy red "Tenite" — a plastic used so successfully on many of our finest quality tools. They are guaranteed unbreakable in use. Steel clad, ball bearing head. Smoothly bent, 7/16-inch round steel rod forms the sweep. Rugged, semi-boxed steel ratchet mechanism operated by large knurled shifter ring. Chuck — standard Barber pattern with nicely knurled shell, affording a sure comfortable grip for operating. Jaws, forged steel. Finish — all exposed metal parts nicely nickel plated and in keeping with the attractive handles.

	Sweep	Weight	Code	Price Each
No. 1950	10"	2½ lbs.	AMMOT	

Packed four in a box

NO. 333 UTILITY KNIFE

CUTS — LINOLEUM — FIBRE BOARD — RUBBER — VENEER — PAPER — FABRICS — ROPE
COMPOSITION ROOFING — GASKETS — CARPETING — MATTING — UPHOLSTERY — WOOD, Etc.
OPENS — CARTONS AND BOXES — **CARVES** — **TRIMS**

FOUR EXTRA REGULAR BLADES (.018) IN HANDLE

In business — in the shop — in the household — on the farm — wherever this versatile knife finds its way, its uses are almost unlimited.

The sturdy, smooth handle is designed to give a sure comfortable grip. It is die cast in two sections, held together with a strong screw. Unloosening this screw, affords easy access to the inside where the extra blades are stored. The hole at the end makes it easy to hang up.

Five razor-sharp steel blades are provided as regular equipment. They are .018 inches thick and are reversible, providing ten keen edges with which to operate. The three notches permit three positions for different types of work. Heavy duty blades, .025 inch thick, are also available. Blades are interchangeable with most other makes of knives of this type.

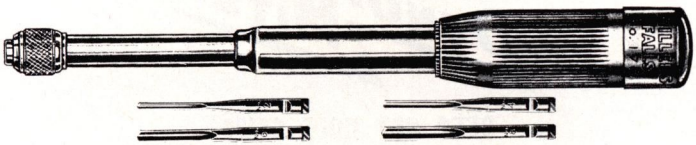
		Each	List
No. 333	Knife Complete with 5 Blades		
No. 3318	Extra Blades (Regular) Package of 5		Box of 100
No. 3325	Extra Blades (Heavy Duty) Package of 5		Box of 100

Six individually boxed No. 333 Knives packed in the Counter Display carton illustrated above

Weight of Display Carton with 6 Knives, 1⅛ lb.

MILLERS FALLS TOOLS SINCE 1868

NO. 170 AUTOMATIC DRILL



EQUIPPED WITH QUICK ACTION CHUCK

brand new drill with features that will appeal to everyone who appreciates good tools with unusual ilt-in performance and dependability at a very popular price.

It is equipped with a new design, quick action chuck that locks or releases the drill points instantly y a slight forward thumb pressure. The machined spiral and the spiral nut in which it runs are made a new, tough, durable bronze that greatly prolongs the life of these vital parts which produce the tary motion.

The handle, made of glossy red, unbreakable Tenite II plastic, is serrated to give a sure, comfortable ip. It has four interior compartments for holding up to twelve drill points. It is securely closed by e aluminum end cap.

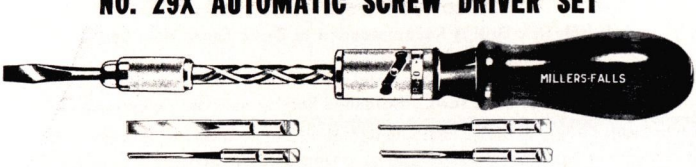
Four new-style points — No. 401 5/64", 7/64", 9/64" and 11/64" in diameter — are regular equipment nd are packed in the handle. These points seat and lock positively in the new chuck. They cannot ill out.

Front end nickel plated and nicely buffed. End cap highly polished aluminum.

	Length	Weight	Price Each
o. 170	10¼"	5/8 lbs.	

Packed one in a box

NO. 29X AUTOMATIC SCREW DRIVER SET

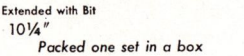


his is the very fine, popularly priced No. 29 Screw Driver fully described on Page 56 with the addition f a cabinet blade No. 297 and a set of three drill points No. 329. These accessories are packed in screw-top plastic vial.

	Length Extended with Bit	Weight	Price Each
o. 29X	10¼"	7/8 lbs.	

Packed one set in a box

SOCKET WRENCH ADAPTERS



FOR USE WITH AUTOMATIC SCREW DRIVERS

hese adapters fit directly into the chuck of Nos. 61A, 610A, 62A and 620A Automatic Screw Drivers escribed on Page 57. They convert them to light-duty nut runners and setters, and accommodate ny socket with a ¼" back.

		Price Each
o. 1061	Fitting Nos. 61A and 610A	
o. 1062	Fitting Nos. 62A and 620A	

Packed one in an envelope

MILLERS FALLS TOOLS
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"DYNO-MITE"

DEEP CUT HOLE SAWS

THE BEST, MOST ECONOMICAL SAW FOR STEAM FITTERS, PLUMBERS AND ELECTRICIANS

WELDED HIGH SPEED STEEL EDGE
A ½" Electric Drill is Recommended to Drive These Hole Saws

Wire nails, screws, metal lath and most other metal obstructions usually encountered in floors, beams partitions, etc., cannot damage these saws. Hardened flooring nails are an exception.

The teeth are milled in a strip of fine high speed steel, welded to a very tough steel backing. These teeth, four of them per inch, are set for fast cutting in hard and soft woods, wallboard, plywood, and similar materials. The high speed steel permits cutting of the softer steels.

Good chip clearance, necessary for fast cutting, is insured by the spiral elevator milled in the body of the saw. One mandrel with a ⅜" pilot drill fits all six sizes of saws.

Depth of cut is 2½ inches. As the saw follows through its own hole, deeper cuts can be made by removing the core.

Diameter of Mandrel Shank is 7/16" Hex.

	Diam.	For Pipe	Weight	Price Each
No. 817	1 1/16"	½"	¼ lb.	
No. 821	1 5/16"	¾"	¼ lb.	
No. 825	1 9/16"	1"	⅜ lb.	
No. 831	1 13/16"	1¼"	½ lb.	
No. 837	2 5/16"	1½"	½ lb.	
No. 841	2 9/16"	2"	⅝ lb.	
No. 8540	Mandrel for same with ⅜" Pilot Drill		⅜ lb.	
No. 5500	12" Extension		⅞ lb.	

Packed one in a box

No. 1740	SET — 1 each of saws above and 1 mandrel	3¼ lbs.	

Packed one set in a cardboard box

NEW NO. 237 KEYHOLE HACK SAW

Cuts Cast Iron, Nails, Metal Lath, Plaster Board, Stucco, BX, Conduit, Hard and Soft Wood, etc.

Card size: 10¾" x 4⅜"

Now this famous little hack saw has a pistol grip handle that provides greater comfort, better "hang" and finer appearance than ever achieved before. The improvement hits you the minute you get it into your hand. Operates readily in places where an ordinary hack saw frame cannot be used.

It is regularly equipped with an 18 tooth flexible hack saw blade which can be easily reversed from the position illustrated to saw up into corners or as easily replaced. Two other blades are available — No. 8 with 24 teeth per inch for cutting thin materials and No. 9, a 9 tooth blade for cutting wood only.

Each saw complete with a No. 7 blade is mounted on the attractive card shown. The handle is finished in gray and red enamel.

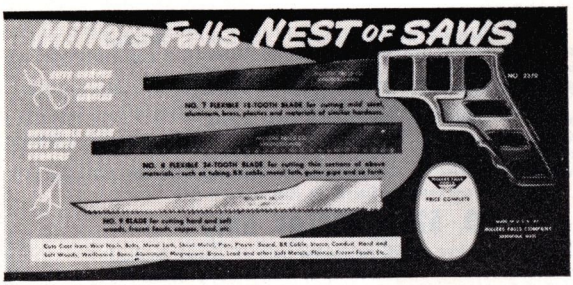
		Length Blade	Length Overall	Weight	Code	Price Dozen
No. 237		7½"	10"	4¼ oz.	YEYAT	
No. 7	Extra Blades	18 tooth	Metal Cutting		YEYDB	
No. 8	Extra Blades	24 tooth	Metal Cutting		YEYGA	
No. 9	Extra Blades	9 tooth	Wood Cutting		YEYGO	

Packed 6 complete saws or one dozen blades in a box

NO. 2370 NEST OF SAWS

The tremendous appeal of the newly designed No. 237 Keyhole Hack Saw mounted on a colorful card with two extra blades was demonstrated by its sale during Hardware Week. It is now a regular item in our line.

It is an "impulse" item selling in large volume the year round to homeowners, craftsmen, farmers, hobbyists, mechanics and housewives. It operates where a regular hack saw frame can not.



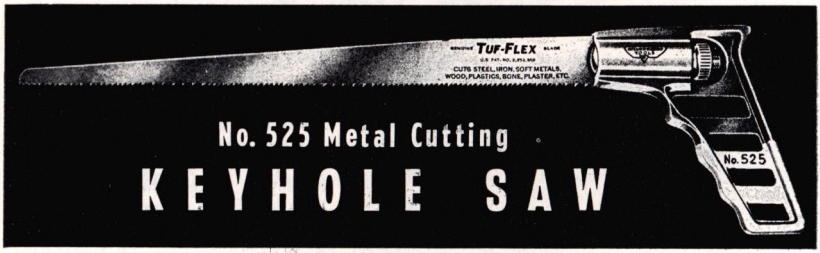
Card size: 13¾" x 6⅜"

		Weight	Code	Price Dozen
No. 2370	Complete with 2 Metal Cutting and 1 Wood Cutting Blade	4½ oz.	YEYHI	
No. 7	Extra Blades, Metal Cutting	¼ lb.	YEYDB	
No. 8	Extra Blades, Metal Cutting	¼ lb.	YEYGA	
No. 9	Extra Blades, Wood Cutting	¼ lb.	YEYGO	

Packed one dozen complete saws in box — 25 boxes in a case. Extra blades one dozen per box.

MILLERS FALLS TOOLS
SINCE 1868

ROTATABLE BLADE KEYHOLE SAWS



U. S. Patent No. 2,252,869. Design Patent No. 162,736

CUTS MOST ANYTHING — MOST ANYWHERE

Steel, iron, wood, plaster, bone, plastics, nails, bolts, metal lath, asbestos shingles, non-ferrous metals, fibre board, hard rubber, etc., are all one to this remarkable new saw. It cuts them all. It does all the work a hack saw frame cannot reach and much more.

The metal cutting blades — both 10 and 24 tooth — are made of "Tuf-Flex"® steel, a special patented alloy which, under proper heat treatment, produces a hard, tough but flexible blade capable of cutting hard steel. Its cutting length is 11¼" and its thickness .049 inch. The 24 tooth blade is best for sheet metal, thin tubing, gutter pipe, etc. The blades for wood cutting only are made of high grade spring tempered steel. No. 27 is the same shape as illustrated above while the No. 49 is narrower and more pointed for cutting sharper curves. All blades are easily and quickly interchangeable.

The blade can be faced and positively locked in eight different positions, allowing the operator to always have the handle in the clear for fast work without danger of skinned knuckles. The blade is held in a steel cylinder in the handle which can be revolved to any desired position by loosening the knurled thumb screw. Blades are easily interchangeable.

The handle is a casting with enough weight to facilitate metal cutting. It has a pleasing, sure and comfortable grip. The finish is glossy gray and red enamel. The blade holder and knurled thumb screw nut are nickel plated. Overall length 15½ inches.

	Type Cutting	Teeth Per Inch	Weight	Code	Price Each
No. 425	Metal	24T	1 lb.	YEYGU	
No. 525	Metal	10T	1 lb.	YEYHO	
No. 625	Wood	7T	1 lb.	YEYHU	
		EXTRA BLADES			
No. 10	Metal	10T		YEYJA	
No. 24	Metal	24T		YEYKU	
No. 27	Wood	7T		YEYLO	
No. 49	Wood	9T Bayonet		YEYNO	

Packed one complete Saw or ¼ doz. blades in box

NO. 5256 DISPLAY UNIT

This clever display stand, ruggedly built of wood, finished and silk screened in three colors, as illustrated, presents the No. 525 Saw in a most effective manner. It is a silent salesman of the highest order and is positively free with an initial order for only six saws and three extra blades.

Base, 4¾" x 9⅜" — overall height with saws in place, 15½".

6 No. 525 Keyhole Saws
3 Extra No. 10 Blades
Display Fixture

		Weight	Code	Price per Unit
No. 5256	Display Unit Complete	10 lbs.	YEYKE	

Packed one unit in a carton

NO. 725 "NEST OF SAWS"

U.S. Patent No. 2,252,869. Design Patent No. 162,736

MAKES A FAST SELLER SELL FASTER

Here is a new combination of the fast selling No. 525 Rotatable Blade Keyhole Saw with two extra interchangeable blades — one each No. 24 and No. 27, giving a greatly increased range of usefulness and a tremendously greater sales potential.

Carpenters, auto mechanics, plumbers, steamfitters, tinsmiths, as well as farmers, home owners, and hobbyists need this tool. The compact and comfortable pistol grip handle, the clever feature which permits the rotating and locking of the blade in any of eight positions, together with the outstanding quality of the blades themselves, make it the outstanding buy.

Additional sales appeal has been added by mounting the combination on an attractive two-color, heavy, ten-ply card, which will do a fine selling job in windows, on counters or bins. It's a year round volume seller that will yield a big bonus as a Christmas and Father's Day gift.

A keen and productive interest in the No. 725 Nest of Saws will be still further stimulated by intensive consumer advertising in the Post, Popular Mechanics, Farm Journal, Popular Science, Country Gentleman, and other substantial publications.

No dealer can afford not to have this No. 725 in stock.

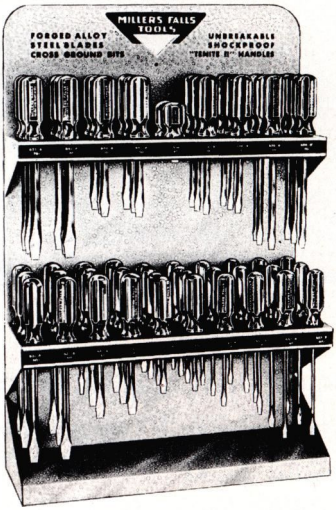
		Weight	Code	Price Each
No. 725	Nest of Saws (Carded)	1⅝ lbs.	YEYMA	

Packed four cards in a box

For Details of Saws and Blades see opposite page

MILLERS FALLS TOOLS
SINCE 1868

NO. 6565 SCREW DRIVER DISPLAY



A compact, colorful display of the most popular sizes of the new No. 650 Series of Screw Drivers.

These popularly priced Drivers have attractive red handles made of Tenite II—an unbreakable plastic — shock proof and practically non-inflammable. The blades are forged from a high grade alloy steel, carefully hardened and tempered, cross ground and then plated. Every blade is torque tested before assembly.

The display fixture is made of welded sheet steel, beautifully finished in Hammertone gray enamel, silk screened in red, black and white. Used on a counter, it requires only 16 by 5¾ inches. Used on a wall it requires a space 16 inches wide by 26 inches high.

The display fixture is entirely free.

The assortment of Screw Drivers consists of the following:

4	**No. 651**	3″ Screw Drivers
6	**No. 651**	4″ Screw Drivers
6	**No. 651**	6″ Screw Drivers
6	**No. 652**	4″ Screw Drivers
6	**No. 652**	6″ Screw Drivers
4	**No. 653**	3″ Screw Drivers
6	**No. 653**	4″ Screw Drivers
6	**No. 653**	6″ Screw Drivers
3	**No. 654**	1½″ Screw Drivers
6	**No. 656**	4″ Screw Drivers
6	**No. 656**	6″ Screw Drivers

No. 6565 SCREW DRIVER UNIT complete — Shipping Weight 18½ lbs.

FOR OPEN STOCK SEE OPPOSITE PAGE

MILLERS FALLS TOOLS
SINCE 1868

NO. 600 SERIES OF SCREW DRIVERS

A fine new line of popularly priced, plastic handled screw drivers with real merit. The blades are forged from a high-quality alloy steel, carefully hardened and tempered for toughness, cross ground and plated. The handles are made of an unbreakable opaque red thermo plastic — slow burning and shockproof.

No. 651 SCREW DRIVERS — Standard Round Blade

	Blade Length	Bit	Diam. Shank	Weight Box	Code	Price Dozen
No. 651	3″	7/32″	7/32″	¾ lbs.	ZUPAL	
No. 651	4″	9/32″	9/32″	1¼ lbs.	ZUPET	
No. 651	6″	5/16″	5/16″	1½ lbs.	ZUPIN	
No. 651	8″	3/8″	3/8″	2⅝ lbs.	ZUPOR	

No. 652 SCREW DRIVERS — Heavy Duty Square Blade

	Blade Length	Bit	Shank	Weight Box	Code	Price Dozen
No. 652	4″	9/32″	¼″ x ¼″	1⅛ lbs.	ZURAG	
No. 652	6″	3/8″	5/16″ x 5/16″	1¾ lbs.	ZUREL	
No. 652	8″	½″	3/8″ x 3/8″	3 lbs.	ZURIK	
No. 652	10″	½″	3/8″ x 3/8″	3½ lbs.	ZUROX	

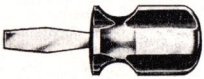
No. 653 SCREW DRIVERS — Round Cabinet Blade

	Blade Length	Bit	Diam. Shank	Weight Box	Code	Price Dozen
No. 653	3″	3/16″	3/16″	10 oz.	ZUSAM	
No. 653	4″	3/16″	3/16″	11 oz.	ZUSEB	
No. 653	6″	3/16″	3/16″	13 oz.	ZUSID	
No. 653	8″	3/16″	3/16″	14 oz.	ZUSOR	

No. 656 SCREW DRIVERS — Slim Square Blade

	Blade Length	Bit	Shank	Weight Box	Code	Price Dozen
No. 656	4″	7/32″	3/16″ x 3/16″	1⅛ lbs.	ZUTAX	
No. 656	6″	7/32″	3/16″ x 3/16″	1⅜ lbs.	ZUTEF	
No. 656	8″	7/32″	3/16″ x 3/16″	1½ lbs.	ZUTIP	
No. 656	10″	7/32″	3/16″ x 3/16″	1¾ lbs.	ZUTOS	

No. 654 SCREW DRIVER — Stubby Type



	Blade Length	Bit	Shank	Weight Box	Code	Price Dozen
No. 654	1½″	9/32″	¼″ x ¼″	5/8 lbs.	ZUSUT	

Packed six in a box

MILLERS FALLS TOOLS
SINCE 1868

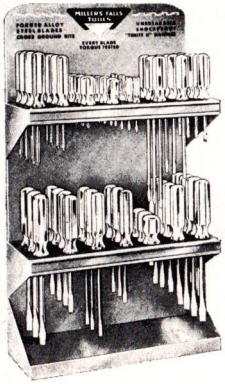
NO. 856 SQUARE SHANK SCREW DRIVERS

This is a new addition to the finest line of screw drivers made — the No. 850 Series shown on Pages 58 and 59. It has a slim square shank, 3/16" x 3/16" and is particularly suited for work on electrical appliances, radios, T.V. sets and electric control devices.

	Length Blade	Shank	Price Dozen
No. 856	4"	3/16" x 3/16"	
No. 856	6"	3/16" x 3/16"	
No. 856	8"	3/16" x 3/16"	
No. 856	10"	3/16" x 3/16"	

Packed six in a box

NO. 8585 SCREW DRIVER DISPLAY UNIT



This new stocking display for the finest line of screw drivers made is an unusually attractive one and can be counted on to initiate many impulse sales.

The fixture is entirely free. It is of rugged metal construction and can be used either on the counter or hung on the wall. The background is a beautiful lustrous metallic gold. The silk screening is in red, white and black.

The base is 14" wide by 5¼" deep and the overall height is 25".

The assortment of drivers is tailored to proven demand for styles and lengths. It is as follows:

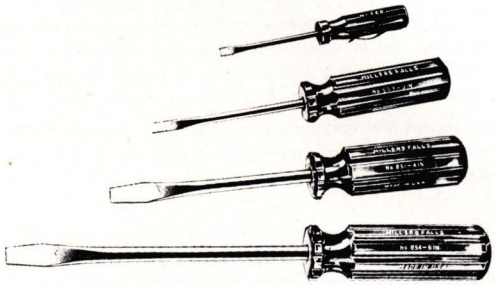
4 — No. 850–#1 Phillips
4 — No. 850–#2 Phillips
4 — No. 851–4" Standard
4 — No. 851–6" Standard
4 — No. 852–4" Standard
4 — No. 852–6" Standard
4 — No. 853–3" Standard
4 — No. 853–6" Standard
3 — No. 853–8" Standard
3 — No. 854 Standard
4 — No. 855 Standard
3 — No. 856–4" Standard
3 — No. 856–6" Standard
4 — No. 860–#1 Phillips
4 — No. 860–#2 Phillips

No. 8585 Screw Driver Display Unit Complete . . . . . .

Packed one unit in a carton. Weight 20 lbs.

For complete line of No. 850 Series see pages 58 and 59 and above.

NO. 8504 SCREW DRIVER SET



A popular selection of four fine quality Screw Drivers for everyday use in workshop or home. The blades are carefully tempered, forged steel, nickel plated and the handles are unbreakable, shock-proof, red Tenite II.

The set consists of one each No. 851-6", No. 851-4", No. 853-3" and 855. These drivers are fully described on pages 58 and 59.

	Weight	Code	Price Each
No. 8504 Set of Screw Drivers	¾ lb.	YERYT	

Packed one set in a box

NO. 8500 SCREW DRIVER DISPLAY

This display stops them in their tracks. It is loaded with the finest screw drivers made. The sparkling, transparent red "Tenite" handles, and the nicely finished blades instantly attract the attention of every craftsman who sees them. By test it doubles the sale of quality screw drivers. It lends color and prestige to any window or counter.

The display fixture is entirely free. It is made of seventy-five point board with a heavy duty double easel. Counter space required is only 6" x 13½".

The price includes only the screw drivers, which are as follows:

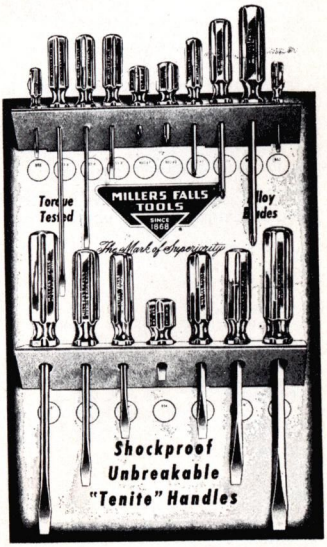
1 Each No. 850	#1	#2	#3
1 Each No. 851	4"	6"	8"
1 Each No. 852	4"	6"	8"
1 Each No. 853	3"	6"	8"
1 Each No. 860	#1	#2	
1 Only No. 854			
2 Only No. 855			

	Weight	Price
No. 8500 Complete	6 lbs. 9 ozs.	

Packed one unit in a carton

Shelf stock can be ordered to suit the dealer's own requirements.

The complete line is listed on pages 58 and 59



MILLERS FALLS BENCH PLANES

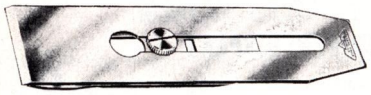
This fine line of planes has an instant appeal to craftsmen who know the true value of fine quality tools and it typifies the excellent design, workmanship and finish that are built into all Millers Falls Tools. These planes are sturdily built for fine performance. They earn through long, satisfactory service a pride of ownership that is the highest tribute that could be paid to their excellence.

Three noteworthy features that contribute to the fine performance of Millers Falls Planes are the exclusive three-point bearing lever cap, preventing chatter; the precisely fitted cutter cap, and the cutter iron which is made of one solid piece of carefully hardened and tempered tool steel nicely polished.

The bottoms are made of seasoned castings, reinforced for added strength, milled and nicely polished on the bottom and two sides. The sensitive, easily operated side and depth adjustments, rigidly seated frogs, self-aligning lever caps and comfortable goncalo knobs and handles all do their part in making this line the last word in planes.

The finish throughout is in perfect keeping with the high standards to which these tools are made.

BENCH PLANE IRONS



Double Iron

Single Iron

The heart of any plane is the cutter iron. Without a fine iron a plane cannot produce the smooth, easy cuts that are expected of an efficient, high quality tool.

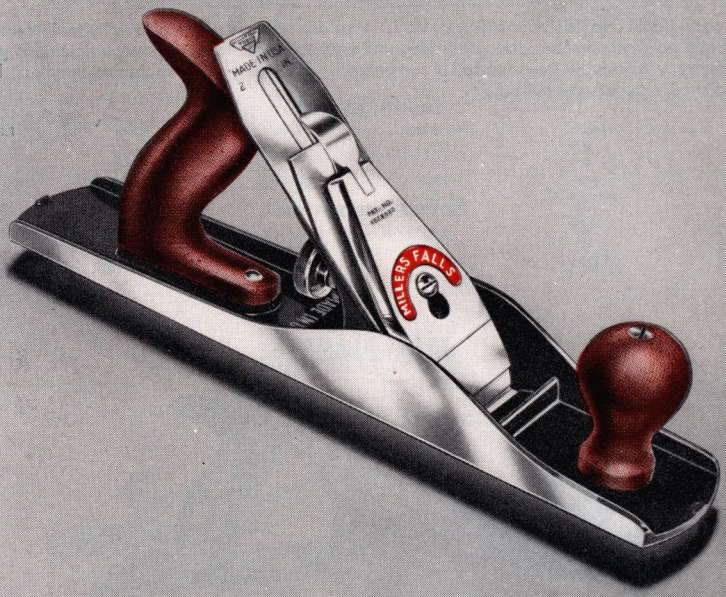
Millers Falls Irons are made of one solid piece of selected tool steel heat-treated with the utmost care to the point where they will give excellent results in hardwood and still are not too hard to be honed back into condition readily when dulled. Being of one solid piece the iron is longer lived; therefore it can be sharpened over and over again.

The irons listed below used in Millers Falls Bench Planes can also be used in planes of several other makes.

Fitting Planes Number	Width	Double Irons Number	Double Irons Price each	Single Irons Number	Single Irons Price each
8-8C-11	1 ¾″	**1168**		**168**	
9-9C-14-14C 814-900	2″	**2200**		**200**	
15-15C	2 ¼″	**2228**		**228**	
10-10C-18-18C 22-22C	2 ⅜″	**2238**		**238**	
24-24C	2 ⅝″	**2258**		**258**	

Single Irons packed six in a box. Double Irons packed three in a box.

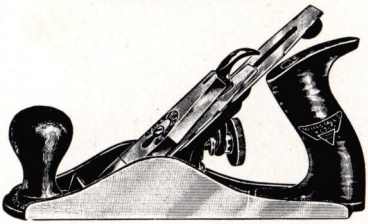
PLANES



MILLERS FALLS
TOOLS
SINCE
1868

MILLERS FALLS TOOLS SINCE 1868

SMOOTH PLANES



Quick, easy, depth and side adjustments of irons. Irons one solid piece of high quality tool steel nicely ground and polished. Bottoms and sides milled and well polished. Inside of bottoms finished in glossy black enamel. Adjustable frogs finished in red enamel. Selected goncalo knobs and handles. Lever caps polished, nickeled and buffed.

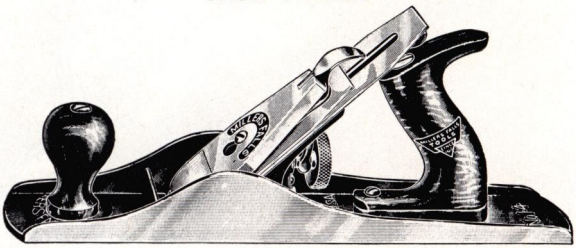
SMOOTH BOTTOM

	Length	Width Iron	Weight	Code	Price each
No. 8	8″	1 ¾″	3 ⅛ lbs.	EATER	
No. 9	9″	2″	3 ½ lbs.	EAMES	
No. 10	10″	2 ⅜″	4 ⅝ lbs.	EAMAT	

CORRUGATED BOTTOM

No. 8C	8″	1 ¾″	3 lbs.	EAWEL	
No. 9C	9″	2″	3 ⅜ lbs.	EAMOG	
No. 10C	10″	2 ⅜″	4 ½ lbs.	EAWOR	

JACK PLANES



Quick, easy, depth and side adjustments of irons. Irons one solid piece of high quality tool steel nicely ground and polished. Bottoms and sides milled and well polished. Inside of bottoms finished in glossy black enamel. Adjustable frogs finished in red enamel. Selected goncalo knobs and handles. Lever caps polished, nickeled and buffed.

SMOOTH BOTTOM

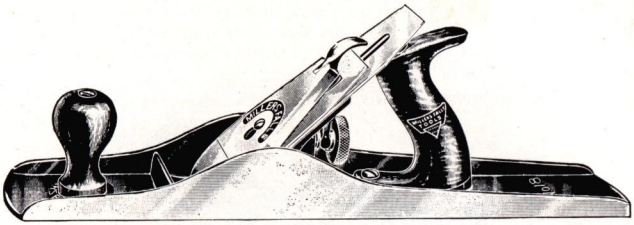
	Length	Width Iron	Weight	Code	Price each
No. 11	11 ½″	1 ¾″	3 ½ lbs.	EAWIT	
No. 14	14″	2″	4 ½ lbs.	EAWUG	
No. 15	15″	2 ¼″	5 ¾ lbs.	EARLS	

CORRUGATED BOTTOM

No. 14C	14″	2″	4 ¾ lbs.	EAVAD	
No. 15C	15″	2 ¼″	5 ⅝ lbs.	EAVOQ	

All the above planes packed one in a box

FORE PLANES



Quick, easy, depth and side adjustments of irons. Irons one solid piece of high quality tool steel nicely ground and polished. Bottoms and sides milled and well polished. Inside of bottoms finished in glossy black enamel. Adjustable frogs finished in red enamel. Selected goncalo knobs and handles. Lever caps polished, nickeled and buffed.

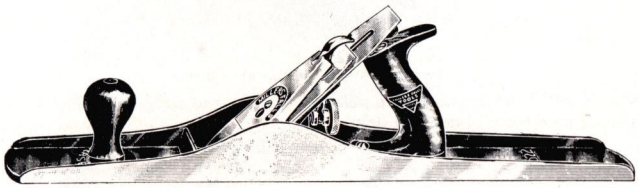
SMOOTH BOTTOM

	Length	Width Iron	Weight	Code	Price each
No. 18	18″	2 3/8″	6 5/8 lbs.	EABON	

CORRUGATED BOTTOM

No. 18C	18″	2 3/8″	6 1/4 lbs.	EACOR	

JOINTER PLANES



Quick, easy, depth and side adjustment of irons. Irons one solid piece of high quality tool steel nicely ground and polished. Bottoms and sides milled and well polished. Inside of bottoms finished in glossy black enamel. Adjustable frogs finished in red enamel. Selected goncalo knobs and handles. Lever caps polished, nickeled and buffed.

SMOOTH BOTTOM

	Length	Width Iron	Weight	Code	Price each
No. 22	22″	2 3/8″	7 1/2 lbs.	EADEN	
No. 24	24″	2 3/8″	9 1/4 lbs.	EACUL	

CORRUGATED BOTTOM

No. 22C	22″	2 3/8″	7 3/8 lbs.	EAFER	
No. 24C	24″	2 3/8″	9 lbs.	EAGOL	

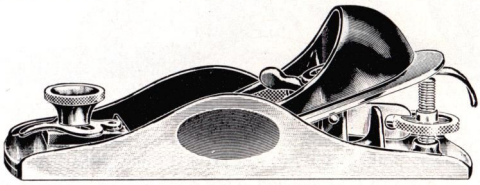
All the above planes packed one in a box

MILLERS FALLS TOOLS SINCE 1868

ADJUSTABLE THROAT BLOCK PLANES

Designed and used primarily for working cross grain surfaces. Block Planes are invaluable for many light operations cutting with the grain. They are short, light in weight and are easily controlled with one hand. The models below are equipped with adjustable throats for roughing or finish cuts in any kind of wood.

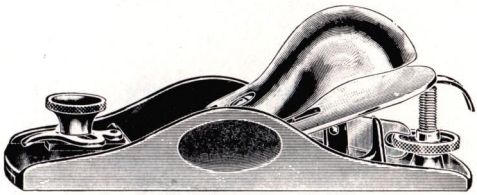
Two cutter iron angles are available — Standard 20° for soft woods and Low 12° for hard woods.



Standard Angle. Adjustable Throat

Side and depth adjustments of irons. Irons one solid piece of high quality tool steel. Bottoms and sides nicely polished. Inside of bottoms and lever caps black enameled. Throat adjusting levers and knurled lock nuts nickel plated.

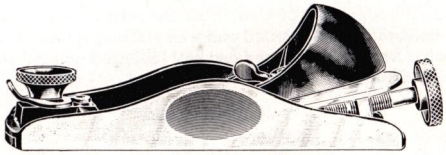
	Length	Width Iron	Weight	Code	Price each
No. 16	6″	1 5/8″	1 1/2 lbs.	EBENS	
No. 17	7″	1 5/8″	1 5/8 lbs.	EBORG	



Standard Angle. Adjustable Throat

Same as Nos. 16 and 17 above but with a polished, nickeled and buffed cap with a knuckle joint lever clamp. Irons one solid piece of fine tool steel.

	Length	Width Iron	Weight	Code	Price each
No. 36	6″	1 5/8″	1 1/2 lbs.	EBRAG	
No. 37	7″	1 5/8″	1 5/8 lbs.	EBREL	



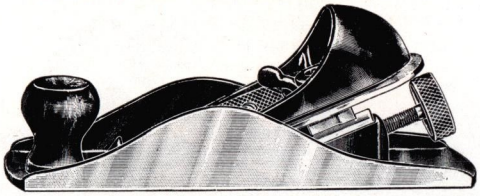
Low Angle. Adjustable Throat

Screw depth adjustment of irons. Irons fine tool steel set at 12° angle. Bottoms and sides nicely polished. Inside of bottoms and lever caps black enameled. Throat adjusting levers and lock nuts nickel plated.

	Length	Width Iron	Weight	Code	Price each
No. 56	6″	1 5/8″	1 1/4 lbs.	ECROW	
No. 57	7″	1 5/8″	1 3/8 lbs.	ECTOL	

All the above planes packed one in a box

NOS. 45 and 75 BLOCK PLANES



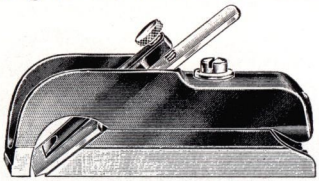
Standard Angle. Rosewood Knobs

crew depth adjustment of tool steel irons. Cam lock lever caps. Rosewood knobs. Bottoms and sides cely polished. Inside bottoms and lever caps black enameled.

	Length	Width Iron	Weight	Code	Price each
o. 45	5½″	1⅜″	1⅛ lbs.	EDROX	
o. 75	7″	1⅝″	1½ lbs.	EDRAL	

BULL NOSED RABBET PLANE

specially well adapted for working in close quarters and up into corners. It has an adjustable throat.

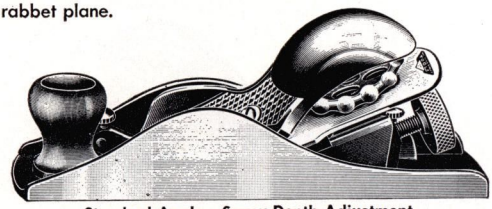


Nicely polished bottom and sides. Body and lever cap black enameled. Solid tool steel cutter iron. lickel plated clamp and throat adjusting screws.

	Length	Width Iron	Weight	Code	Price each
lo. 4	4″	1″	⅝ lb.	EFACE	

ADJUSTABLE BLOCK AND RABBET PLANE

his unique plane has its solid tool steel cutter iron ground at an angle which gives an easy skew r shave cut. As illustrated it is used as a block plane. The right-hand side, however, is removable onverting it into a rabbet plane.



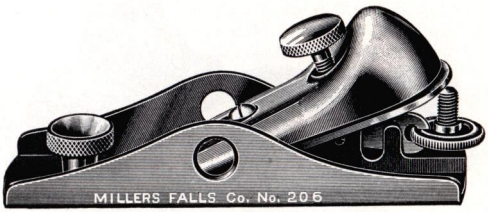
Standard Angle. Screw Depth Adjustment

Screw depth adjustment of solid tool steel cutter iron. Rosewood knob handle. Bottom and sides icely polished with inside and lever cap black enameled. Cap lever screws and side lock screws ickel plated.

	Length	Width Iron	Weight	Code	Price each
lo. 07	7″	1¾″	1½ lbs.	ESCOW	

All of the above planes packed one in a box

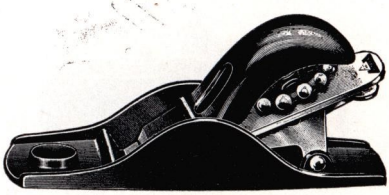
ADJUSTABLE BLOCK PLANES



Standard Angle. All Steel Construction

The unbreakable all steel construction of this fine little plane makes it particularly suited for use in manual training shops as well as for skilled craftsmen. Screw depth adjustment of tool steel iron. Bottom and sides nicely polished. Drop forged frog. Steel knob, screw lever cap and adjusting nu nickel plated.

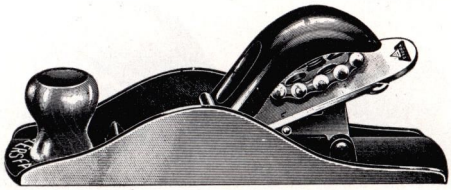
	Length	Width Iron	Weight	Code	Price eac
No. 206	6 ¼"	1 ⅝"	1 lb.	EDFLO	



Standard Angle. Lever Depth Adjustment

Lever depth adjustment of solid tool steel cutter iron. Screw operating cap clamp nickel plated. Bottom nicely polished with sides and inside and cap black enameled.

	Length	Width Iron	Weight	Code	Price eac
No. 55	5 ½"	1 ⅜"	⅞ lb.	EDELS	



Standard Angle. Lever Depth Adjustment

Lever depth adjustment of solid tool steel cutter iron. Bottom and sides nicely polished with inside black enamel. Black enameled cap clamp operated by nickel plated screw. Rosewood knob handle

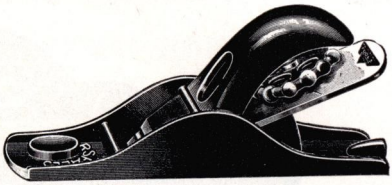
	Length	Width Iron	Weight	Code	Price eac
No. 97	7"	1 ⅝"	1 ⅜ lbs.	EDANS	

All of the above planes packed one in a box

NON-ADJUSTABLE BLOCK PLANES

se short length, inexpensive planes will be found particularly useful in pattern work and model ding or where the work is in close quarters. They are light in weight and fit into the hand snugly.

No. 33

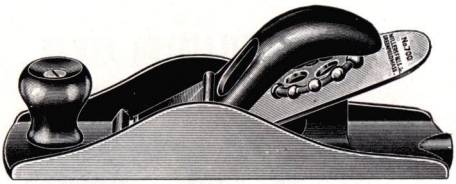


No. 5

Standard Angle

ottoms nicely polished. Sides and clamps black enameled. Screws operating cap clamps nickel ted. Solid tool steel cutter irons.

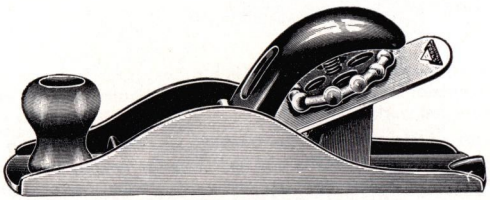
	Length	Width Iron	Weight	Code	Price each
33	3½″	1″	⅜ lb.	EDOOL	
5	5½″	1⅜″	⅞ lb.	EDWAD	



Standard Angle

Bottom and sides polished. Lever cap and hardwood knob handle black enameled. Solid tool el cutter iron. Screws operating cap clamp nickel plated.

	Length	Width Iron	Weight	Code	Price each
. 700	7″	1⅝″	1⅜ lbs.	ETCAB	



Standard Angle

Bottom and sides nicely polished with inside and lever cap black enameled. Rosewood knob handle. olid tool steel cutter iron. Nickel plated clamp screw.

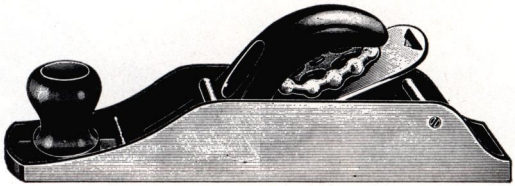
	Length	Width Iron	Weight	Code	Price each
o. 87	7″	1⅝″	1¼ lbs.	EDOLT	

All of the above planes packed one in a box

MILLERS FALLS TOOLS
SINCE 1868

DOUBLE END BLOCK PLANE

This combination plane has two throats and two cutter seats. As illustrated it is an ordinary block plane but when the cutter iron and lever cap are set up in the seat at the other end it becomes a bull-nosed rabbet plane.

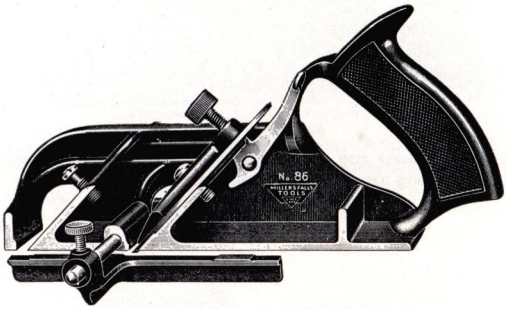


Standard Angle

Bottom and sides nicely polished with inside and lever cap black enameled. Rosewood knob handle. Solid tool steel cutter iron. Nickel plated clamp screw.

	Length	Width Iron	Weight	Code	Price each
No. 68	8″	1 ⅝″	1 ½ lbs.	EDFEN	

RABBET AND FILLISTER PLANE



This Millers Falls Plane has every desirable feature in a rabbet plane built into it. It is equipped with two cutter seats — a rear seat for regular work with a lever adjustment of the blade for depth, and a forward seat for bull-nosed work.

The fence is adjustable on the steel arm. The steel arm and the fence can be used on either side of the plane as the work requires. When the arm and fence are entirely removed, the plane can be used for a wide variety of uses. A three-point spur and a depth gauge are also part of the equipment. The depth gauge can be removed entirely when desired.

Body of plane nicely finished in black enamel. Bottom and both sides accurately ground. Trimmings and small steel parts nickel plated.

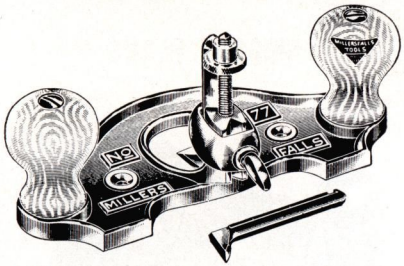
	Length	Width Iron	Weight	Code	Price each
No. 85 Rabbet	8 ½″	1 ½″	3 lbs.	EDMAN	

Packed one in a box

ROUTER PLANES

outer Planes are designed to level off and smooth the bottoms of grooves or slots parallel to the orking surface. Two screw holes are provided in the body so that wood bottoms can be attached for creasing the bottom area allowing large areas to be worked, or fences can be attached for following aight or irregular edges.

NO. 77 CLOSED THROAT ROUTER

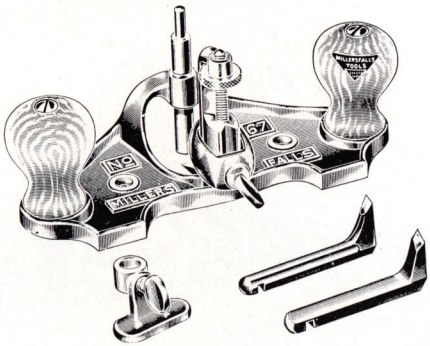


hree cutter irons, ¼" and ½" wide and a ½" pointed smoother, are provided. Depth of cut is ntrolled by a screw adjustment. Two seats are provided for the cutters, front for regular work and ear for bull-nosed work. A fence which can be attached to the bottom for following straight or rved edges is regular equipment.
Bottom nicely polished. Ebony lacquered hardwood handles. Frame nickel plated.

	Length	Cutters	Weight	Code	Price each
o. 77	7½"	¼", ½", ½" Point	2⅛ lbs.	EFRAD	

Packed one in a box

NO. 67 OPEN THROAT ROUTER



hree cutter irons, ¼" and ½" wide and a ½" pointed smoother, are provided. Depth of cut is con- rolled by a screw adjustment. Two seats are provided for the cutters, front for regular work and rear or bull-nosed work. Throat can be closed for narrow work by installing attachment supplied. A fence vhich can be attached to the bottom for following straight or curved edges is regular equipment.
Bottom nicely polished. Ebony lacquered hardwood handles. Frame nickel plated.

	Length	Cutters	Weight	Code	Price each
No. 67	7½"	¼", ½", ½" Point	2¼ lbs.	EFRUE	

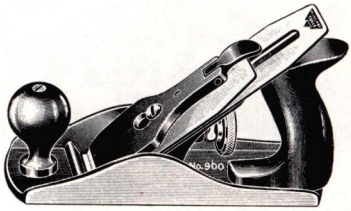
Packed one in a box

MILLERS FALLS TOOLS
SINCE 1868

BENCH PLANES

This Smooth Plane and Jack Plane are good tools, capable of first class performance and are the equal of most standard planes. They do not embody all of the features of the preceding Millers Falls Planes and the overall finish is not so high which permits their being offered at a lower price.

SMOOTH PLANE

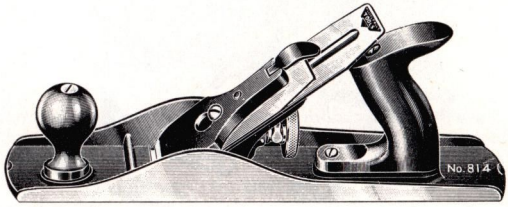


Depth and side adjustment of iron. Cutters one solid piece of tool steel. Bottom and sides polished. Inside of bottom, lever cap, and frog black enameled. Knob and handle black enameled hardwood. Furnished with smooth bottom only.

	Length	Width Iron	Weight	Code	Price each
No. 900	9″	2″	4 lbs.	ETDES	

Packed one in a box

JACK PLANE

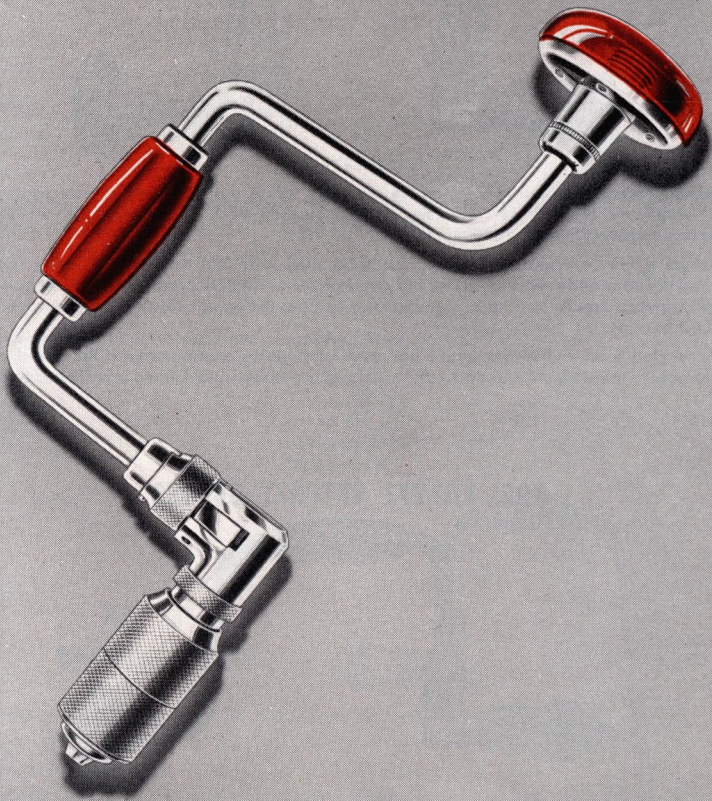


Depth and side adjustment of irons. Cutters one solid piece of tool steel. Bottom and sides polished. Inside of bottom, lever cap, and frog black enameled. Knob and handle black enameled hardwood. Furnished with smooth bottom only.

	Length	Width Iron	Weight	Code	Price each
No. 814	14″	2″	4 3/8 lbs.	ETGOK	

Packed one in a box

BIT BRACES

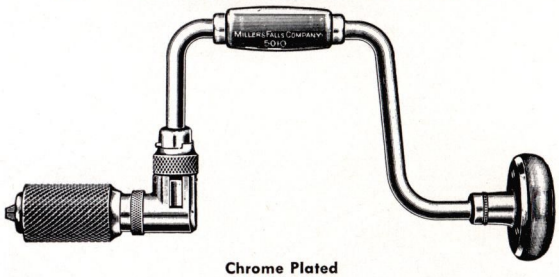


MILLERS FALLS TOOLS

SINCE 1868

MILLERS FALLS TOOLS SINCE 1868

NO. 5010 PARSONS DE LUXE BRACE



Chrome Plated

This beautiful tool, illustrated in color on the preceding page, was designed several years ago by W. J. Parsons, the dean of our designing and engineering staff, in commemoration of his fiftieth anniversary with the Millers Falls Company.

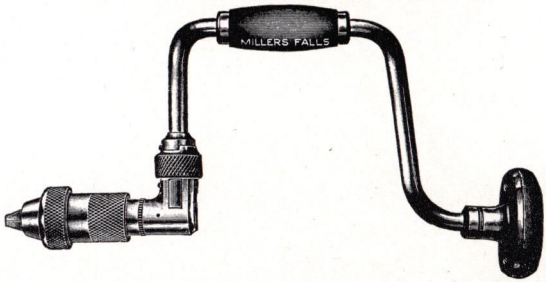
The chuck is full ball bearing with two machined steel jaws that hold ⅛ to ½ inch round shank, No. 1 Morse Taper and square bit shank drills and reamers. The full boxed ratchet is controlled by a ring shift. Sweep handle runs on bronze bushings as does the head. Head is also equipped with a ball thrust bearing.

The steel clad head and sweep handle are made of a glossy, transparent red Permaloid, a plastic more durable than wood. All exposed metal parts highly polished and finished in brilliant chrome plate.

	Sweep	Weight	Code	Price each
No. 5010	10″	3½ lbs.	ANABO	

Packed one in a box

NOS. 770-772 RATCHET BRACES

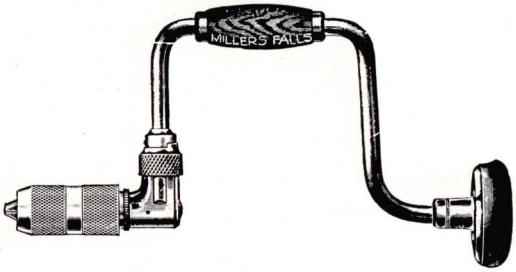


A sturdy, quality brace. Ball bearing at every possible point, every constructional detail refined and the entire tool beautifully finished. Equipped with Lion ball bearing chuck to hold regular square shanks, No. 1 Morse Taper and round shanks from ⅛ to ½ inch in diameter. Boxed ratchet with ring shift. Full steel clad, ball bearing head. Head and handle finely finished tropical hardwood. Handle has metal inserted rings. All exposed metal parts heavily nickeled and highly buffed.

	Sweep	Weight	Code	Price each
No. 770	14″	3⅞ lbs.	ABACU	
No. 771	12″	3½ lbs.	ABAFT	
No. 772	10″	3⅜ lbs.	ABAND	

Packed two in a box

NOS. 730-733 RATCHET BRACES



A fine quality brace, popularly known for years as the "Holdall," having been one of the first to be equipped with the universal type or "Master" chuck holding square, No. 1 Morse Taper and plain round shanks from ⅛ to ½ inch in diameter.

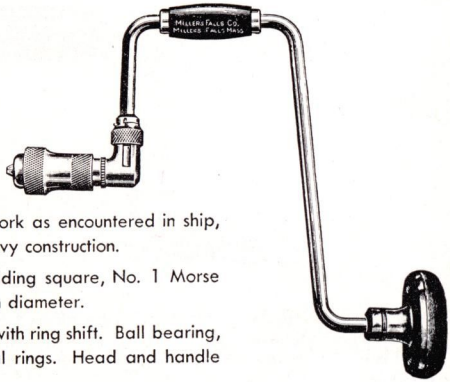
Boxed ratchet mechanism with ring shift. Steel clad, ball bearing head. Handle has inserted metal rings. Head and handle of finely finished tropical hardwood.

All exposed metal parts nicely polished, nickel plated and buffed.

	Sweep	Weight	Code	Price each
No. 730	14″	3½ lbs.	ABBEY	
No. 731	12″	3¼ lbs.	ABBOT	
No. 732	10″	3⅛ lbs.	ABDIC	
No. 733	8″	2¾ lbs.	ABDOK	

Packed two in a box

NO. 7312 WHIMBLE BRACE



A double leverage brace for extra heavy work as encountered in ship, dock, car and bridge building and other heavy construction.

Equipped with Lion ball bearing chuck holding square, No. 1 Morse Taper and round shanks from ⅛ to ½ inch in diameter.

Heavy 5/16-inch sweep rod. Boxed ratchet with ring shift. Ball bearing, steel clad head. Handle has inserted metal rings. Head and handle mahogany finished hardwood.

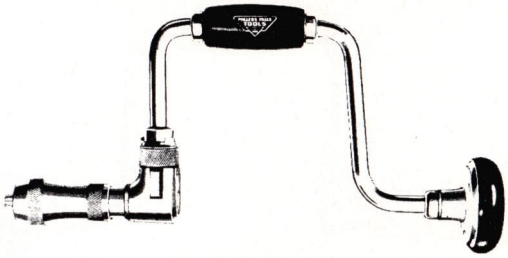
Exposed metal parts nicely polished, nickel plated and buffed.

	Sweep	Weight	Code	Price each
No. 7312	12″	3¾ lbs.	ASTUT	

Packed two in a box

MILLERS FALLS TOOLS
SINCE 1868

NOS. 1321-1324 RATCHET BRACES



Similar to Nos. 31 to 33, a fine brace that sells in large volume.

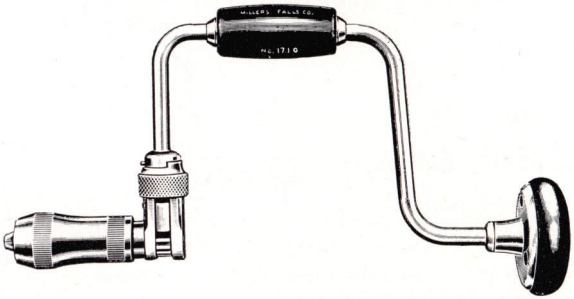
Boxed ratchet mechanism, with ring shift. Barber chuck with self-opening, forged steel alligator jaws. Mahogany finished hardwood heads and handles. Ball bearing, steel clad head. Handle has inserted metal rings.

All exposed metal parts polished, nickel plated and buffed.

	Sweep	Weight	Code	Price each
No. 1321	12″	3 lbs.	ACRIM	
No. 1322	10″	2 ¾ lbs.	ACROB	
No. 1323	8″	2 ½ lbs.	ACTIV	
No. 1324	6″	2 ¼ lbs.	ACTOR	

Packed two in a box

NOS. 1708-1712 RATCHET BRACES

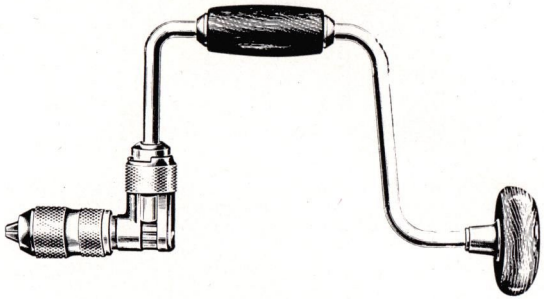


Well built, serviceable braces that can be offered at a moderate price. They are equipped with Barber chuck with jaws and semi-boxed steel ratchet. Knurled shifter ring controls ratchet mechanism. Steel clad, ball bearing head and sweep handles made of hardwood, nicely mahogany lacquered. All exposed metal parts nickel plated.

	Sweep	Weight	Code	Price each
No. 1708	8″	2 ¼ lbs.	AJACK	
No. 1710	10″	2 ⅜ lbs.	AKLEM	
No. 1712	12″	2 ½ lbs.	ALROX	

Packed six in a box

NO. 1410 RATCHET BRACE

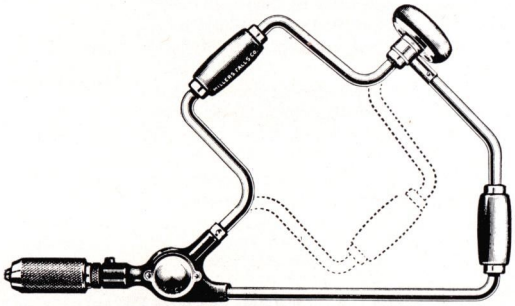


serviceable brace that is offered at a popular price. It is equipped with a Barber chuck with lligator jaws and a semi-boxed ratchet mechanism operated by a knurled ring shift. Handles ahogany stained hardwood. All exposed metal parts polished.

	Sweep	Weight	Code	Price each
o. 1410	10″	2 lbs.	AGLOR	

Packed one half dozen in a box

NO. 502 CORNER BRACE



great time and labor saver on jobs where there are a lot of holes to be bored in corners, against alls and beams and similar locations. Far more pressure can be put on the bit and more power de- ered to the chuck than with a ratchet brace on the same work.

Master chuck holds square, No. 1 Morse Taper and round shanks from ⅛ to ½ inch in diameter. lachine-cut, case-hardened steel gears, fully enclosed. Ball thrust bearing at base of chuck. Ball earing head. Handles have inserted metal rings. Frame black enameled. Head and handles ahogany finished hardwood. Length, 20 inches.

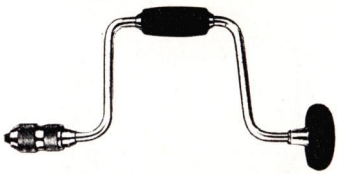
All exposed metal parts, except frame, polished, nickel plated and buffed.

	Sweep	Weight	Code	Price each
o. 502	9″	4⅝ lbs.	AGAPE	

Packed two in a box

MILLERS FALLS TOOLS
SINCE 1868

NO. 142 PLAIN BRACE

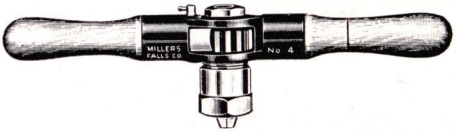


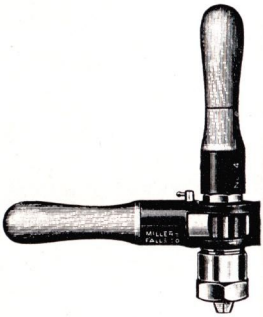
On many classes of work a ratchet mechanism on a brace is unnecessary and a plain or sleeve brace fills the requirements. This is a low-priced brace with inexpensive finish. Barber chuck with alligator jaws. Head is screwed securely to the quill. Head and handle mahogany stained hardwood. Exposed metal parts polished.

	Sweep	Weight	Code	Price each
No. 142	10″	1¾ lbs.	AFILI	

Packed six in a box

NO. 4 RATCHET AUGER HANDLE





A heavy duty tool that can be operated by two men when desirable. It has a powerful ratchet mechanism, controlled by a small lever. It can be quickly changed from right- to left-hand ratchet or can be positively locked.

The handle shown at the right, the outer portion of which swivels freely, can be unscrewed from its normal position and screwed into the hex nut at the top of the frame to form a steady handle for use in corners or against walls or other obstructions.

Chuck holds practically all sizes of bit and auger shanks. Metal frame and handle ferrule black enameled. All other exposed metal parts nicely nickel plated.

	Length	Weight	Code	Price each
No. 4	15″	3 lbs.	CAGES	

Packed one in a box

NO. 2 AUGER HANDLE

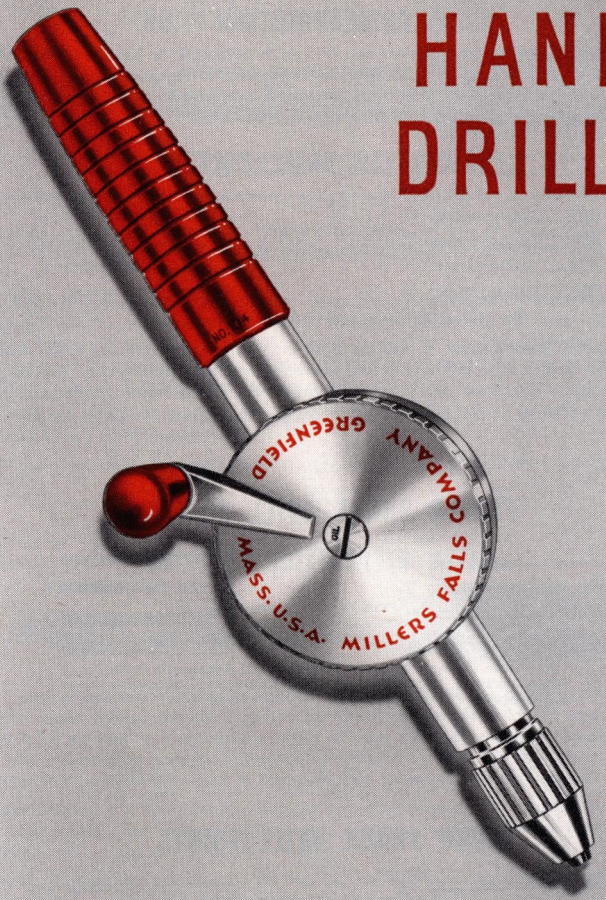
A stout wood handle holding all sizes of bits and all but the largest sizes of ship auger shanks. Augers are held by two 3-inch steel clamps tightened by means of two wing nuts. Handle straight grained, selected ash.

Capacity—Regular Bit Shanks up to 2 inches; Ship Auger Shanks up to 2 inches.

	Length	Weight	Code	Price each
No. 2	17″	1¼ lbs.	CAGNE	

Packed six in a box

HAND DRILLS



MILLERS FALLS TOOLS

SINCE 1868

DRILL POINTS

The straight fluted drill points shown below are for use in automatic or hand drills according to the type of shank with which they are fitted. They are made of a fine grade of tool steel, carefully hardened and tempered and well sharpened. They drill nice, clean holes in hard and soft woods, soft metals, plaster, bone, wallboard and many other similar materials.

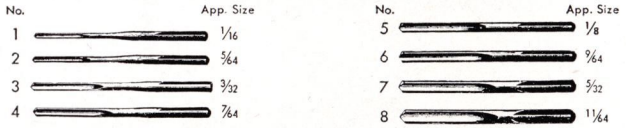
NEW STYLE DRILL POINTS

For Millers Falls and some other Automatic Drills

The shanks of these drill points have a slabbed base that seats very positively in the bottom of the chuck and a recess for a locking mechanism that prevents them from pulling out. They are made of fine tool steel properly hardened and carefully sharpened. Bright finish. Made in eight sizes as indicated above.

	Length	Code		Price
No. 401	2"	DETOR	Per Dozen	
No. 401	2"	DETOT	Set of 8	

FLUTED SHANK DRILL POINTS

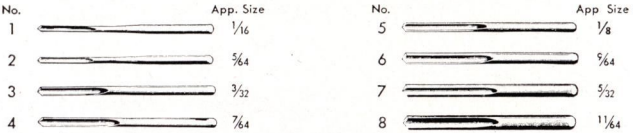


For use in Millers Falls and Goodell-Pratt Automatic Drills

These drill points have fluted shanks for use in the two-jawed chucks of automatic drills. They are made of a fine grade of tool steel properly hardened and carefully sharpened. Made in eight sizes as indicated above.

	Length	Code		Price
No. 402	2"	ZOTOZ	Per Dozen	
No. 402	2"	ZOTPA	Set of 8	

ROUND SHANK DRILL POINTS



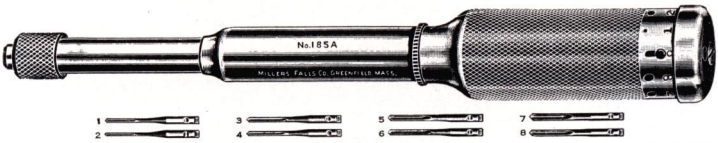
For use in Hand Drill Chucks

These points are identical to those above but with plain round shanks for use in any ¼-inch three-jawed chuck. Made in eight sizes as indicated above.

	Length	Code		Price
No. 403	2"	ZOTUB	Per Dozen	
No. 403	2"	ZOTVA	Set of 8	

Packed one dozen or one set in a metal screw capped plastic vial

NO. 185A AUTOMATIC DRILL



A world-famous drill that has been made even finer by the addition of a new style chuck

front portion of the tool is made of hollow brass tubes, on one of which a carefully machined al is cut. This runs through a spiral cut in the center nut, which is made of a very hard grade of nze.

he finely knurled handle is of the magazine type, having individual compartments for the eight erent size drill points. Each one of these compartments is numbered and below the number is a e or gauge showing the size of hole drilled by the point in that compartment. Drill points are oved or returned by turning the hole in the rotating cap opposite the proper compartment and ing out the point. Only one compartment opens at a time.

he chuck seats the drill points very positively and locks them securely so that they cannot be pulled until the chuck shell is unscrewed.

One set of eight, No. 401 New Style Drill Points, 1/16 to 1 1/64 inch in diameter, regular equipment.

	Length	Weight	Code	Price each
185A	10"	½ lb.	YEKIJ	

NO. 188A AUTOMATIC DRILL

s tool is built for the home and provides a highly efficient drill at a very reasonable price. Any man, man, or child can use it to bore the many holes needed from time to time; for installing the many dern fixtures that go into every room in the house, and for innumerable other uses.

t drills eight different size holes quickly and with surprising ease in hard and soft wood, soft metals, llboard, plaster, etc. The eight drill points are contained in the numbered compartments in the gazine handle. They are safely locked in until wanted.

To remove the desired size drill release the cap lock by slipping down the lock button, turn the hole the cap opposite the proper drill compartment and tip out the drill.

nsert the drill selected in the four-jawed chuck, tighten the chuck nut and the tool is ready to use. ace the drill point where the hole is wanted and simply push down a few times, allowing the handle spring back after each stroke, and there is a good clean hole.

The handle is jet black, molded bakelite with a polished aluminum band just below the rotating cap. e exposed metal parts are beautifully polished and nickel plated. The spiral driving mechanism is ry well made and is practically indestructible with proper lubrication.

One set of eight, No. 402 Fluted Shank Drill Points, 1/16 to 1 1/64 inch in diameter, regular equipment.

	Length	Weight	Code	Price each
. 188A	9 5/8"	6 ozs.	YEKNA	

Packed one in a box

MILLERS FALLS TOOLS
SINCE 1868

NO. 100 AUTOMATIC DRILL

The time-tested features and construction that have been built into Millers Falls and Goodell-Pratt automatic drills and have earned their well deserved popularity are found in this beautiful new tool.

Its uses are unlimited. It is an essential tool for carpenters, cabinet makers, model and pattern makers, electricians, home workshop enthusiasts and home owners. It's the ideal tool for drilling lead holes for screws, nails, hooks, etc.

The barrel of the magazine handle is made of unbreakable red plastic and holds eight No. 402 fluted shank drill points 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32 and 11/64 of an inch in diameter. The number and diameter of the point in any compartment is indexed on the ring above the barrel. The point wanted for use is obtained by pulling down the lock and turning the barrel until the proper number is directly below the hole in the cap. Tip up the drill and the point slips out.

The chuck holds the drill points securely when the chuck shell is screwed tight.

All exposed metal parts are either nickel plated and buffed or highly polished aluminum.

	Length	Weight	Code	Price each
No. 100	9 1/8"	8 ozs.	YENOR	

Packed one in a box

NO. 1006 DISPLAY UNIT

Complete with six No. 100 Drills

A compact, colorful wood display requiring less than one-half square foot of counter space, that really sells the No. 100 Automatic Drill because to see it is to want it. Nicely lacquered and silk screened in red, black, gray and white.

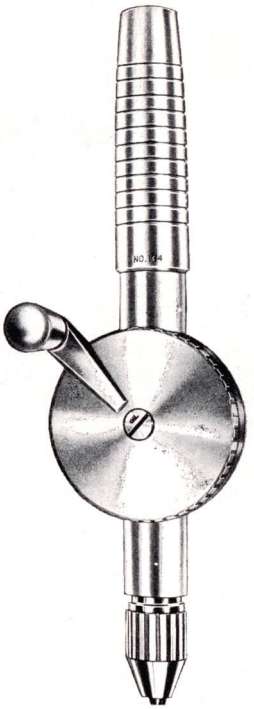
Width, 11 inches, depth, 4½ inches, height, 9½ inches.

	Weight	Code	Price
No. 1006	5 lbs.	YEDAX	

Packed one unit in a carton

NO. 104 HAND DRILL

Single Speed, Enclosed Gears. Capacity 0 to ¼ inch.



newest and finest Millers Falls hand drill, of entirely new gn, has already demonstrated its fine performance and endability. Its beauty and smooth operation insure accept- by craftsmen generally.

e frame and gear cover are die-cast aluminum. The steel dle runs in an "Oilite" bushing against a thrust bearing. The pinion and machine-cut cast drive gear are entirely en- d.

e handles are made of practically unbreakable, glossy red ic, far more durable than wood. The screw cap end handle is w and is long enough to hold standard twist drills up to ch.

e chuck, of new design, has three hardened jaws holding ¼ inch drills.

ne set of eight, No. 403 Drill Points, 1/16 to 1 1/64 inch diameter regular equipment and are packed in the hollow end handle.

ame and gear cover gray enamel, chuck nickel plated, dles glossy red plastic.

	Capacity	Length	Weight	Code	Price each
104	¼"	12 5/8"	1 5/8 lbs.	WYDAM	

Packed one in a box

NO. 1044 DISPLAY UNIT

Complete with four No. 104 Hand Drills

substantial wood display, lacquered and silk screened in e colors, is supplied entirely free with initial orders for only No. 104 Hand Drills. Designed for counter use it requires one-half square foot of space. This display brings this fine drill to the attention of customers; makes it easy for them to dle and sells on sight.

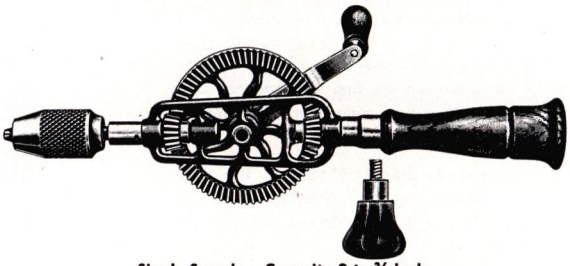
idth, 11 inches, depth, 5 inches, height, 13 inches.

	Weight	Code	Price
1044	10 lbs.	WYGET	

Packed one unit in a carton

MILLERS FALLS TOOLS
SINCE 1868

NOS. 2 AND 2B HAND DRILLS



Single Speed Capacity 0 to 3/8 inch

A strong, serviceable tool built on a sturdy cast frame. Three-jawed chuck with protected spring holds 0 to 3/8 inch round shanks. Gear ratio 4 1/2 to 1. Spindle equipped with ball thrust bearing. Two steel pinions, one drive and one idling equalizer.

Frame nicely black enameled. Large gear red enameled with nickeled rim.

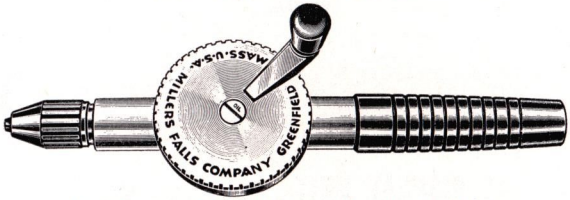
Exposed metal parts nickel plated and buffed. Tropical hardwood end handle with screw cap. Eight drill points, 1/16 to 1 1/64 inch in diameter, regular equipment.

No. 2B is exactly the same as No. 2 but with solid mahogany finished hardwood end handle and without drill points.

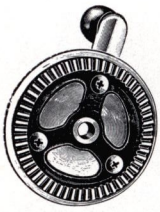
	Capacity	Length	Weight	Code	Price each
No. 2	3/8"	14 1/2"	2 1/2 lbs.	DAGER	
No. 2B	3/8"	15"	2 5/8 lbs.	DAGOT	

Packed one in a box

NO. 308 HAND DRILL



Single Speed Enclosed Gears Capacity 0 to 3/8 inch



Detail showing cast iron drive gear with machine cut teeth solidly anchored to gear cover.

The fine lines and finish of this new 3/8 inch drill are the same as No. 104 illustrated in color on page 25.

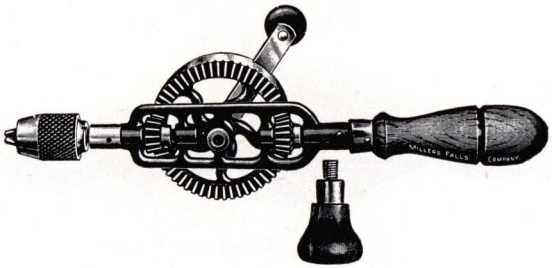
The frame and gear cover are die-cast aluminum with a gray enamel finish baked on. The steel spindle runs in an "Oilite" bushing against a thrust bearing. The steel pinion and the machine-cut cast drive gear are entirely enclosed. Handles are made of practically unbreakable, glossy red plastic, far more durable than wood. End handle is hollow with screw cap for holding standard twist drills.

The nicely nickeled chuck has three hardened jaws that hold 0 to 3/8 inch round shank drills. Eight drill points 1/16 to 1 1/64 inch packed in handle.

	Capacity	Length	Weight	Code	Price each
No. 308	3/8"	13 7/8"	2 1/8 lbs.	WYFOT	

Packed one in a box

NO. 5 HAND DRILL



Single Speed Capacity 0 to ¼ inch

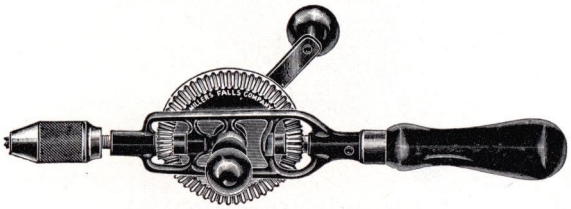
his drill is equipped with a wide rim on the large drive gear and can be easily grasped by the umb and fingers to start small drills on delicate work. This gear is red enameled and the rim nicely olished and nickeled. The frame is black enameled. The drive and equalizing pinions are steel, ickel plated. All gears are machine cut.

The three-jawed chuck which holds 0 to ¼ inch round shank drills is nicely nickel plated. One set f eight, No. 403 Drill Points, 1/16 to 1 1/64 inch in diameter regular equipment; they are packed in the ollow screw cap handle which is made of fine tropical hardwood. Handle ferrules bright nickeled.

	Capacity	Length	Weight	Code	Price each
o. 5	¼"	12 7/8"	1 5/8 lbs.	DANGL	

Packed one in a box

NO. 77A HAND DRILL



Single Speed Capacity 0 to ¼ inch

A smooth operating drill that sells for a very moderate price. The frame is a smooth, black enameled die casting. The drive and equalizing pinions are steel, nickel plated. The solid large gear is red enameled. All gears are machine cut.

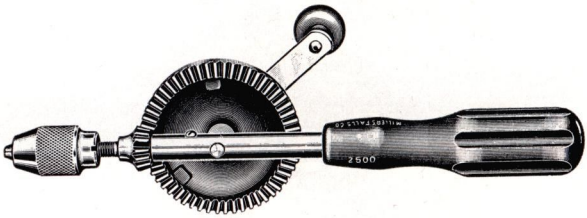
The nickel plated chuck holds 0 to ¼ inch round shank drills. Handles mahogany finished hardwood.

	Capacity	Length	Weight	Code	Price each
No. 77A	¼"	12 1/2"	1 5/8 lbs.	DETIG	

Packed one in a box

MILLERS FALLS TOOLS
SINCE 1868

NO. 2500B HAND DRILL



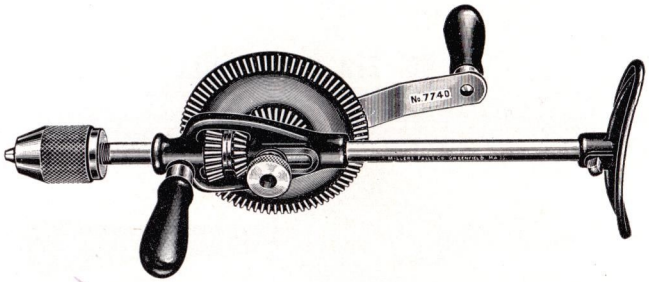
Single Speed Capacity 0 to ¼ inch

A popularly priced solid steel frame drill with a lot of dependable service built into it. Large ge is cast and finished in red enamel; the pinion is steel. Both gears have machine cut teeth. The thre jawed chuck holds 0 to ¼ inch round shank drills. Crank and end handles mahogany finished hardwoo

	Capacity	Length	Weight	Code	Price e
No. 2500B	¼"	10⅝"	1¼ lbs.	DASUR	

Packed one in a box

NO. 7740 BREAST DRILL



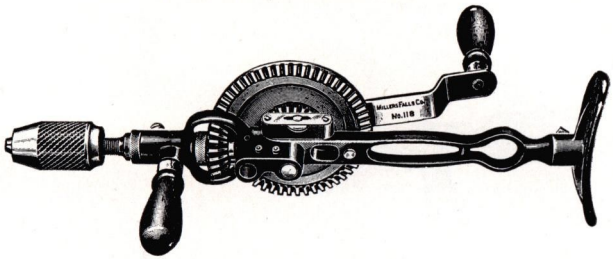
Two-Speed Capacity 0 to ½ inch

A sturdy, dependable drill offered at a very moderate price. The black enameled frame and brea plate are fastened together by a solid polished steel shank. The red enameled large gear can b easily shifted to two positions in the frame—one for high and one for low speed operation. Tw separate steel pinions. All gears machine cut. All-steel chuck has three hardened jaws that ho 0 to ½ inch round shank drills. Handles mahogany finished hardwood.

	Capacity	Length	Weight	Code	Price e
No. 7740	½"	16½"	4⅜ lbs.	DAGIL	

Packed one in a box

NO. 118 BREAST DRILL



Two-Speed Level Capacity 0 to ½ inch

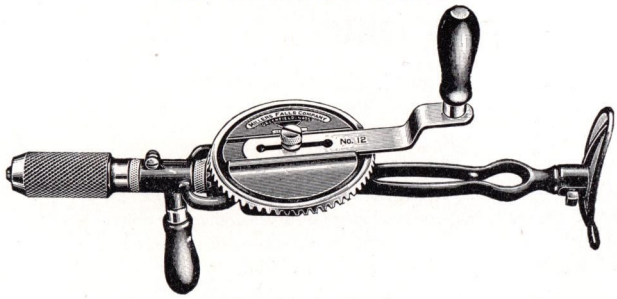
sturdy, two-speed drill built on a black enameled frame equipped with a well-protected spirit vel. Black enameled breastplate. Large gear red enameled with polished, nickeled and buffed dge and rim. Nickeled steel pinion. Gear ratios 3 to 1 and 1 to 1. Nickeled extensible crank. djustable ball bearing spindle. Nickeled three-jawed chuck with protected springs holds 0 to ½ inch ound shanks. Idler roll to equalize large gear bearing. Side and crank handles mahogany finished ardwood.

All exposed metal parts nickel plated.

	Capacity	Length	Weight	Code	Price each
o. 118	½"	17½"	6½ lbs.	DECAD	

Packed one in a box

NO. 12 BREAST DRILL



Two-Speed Level
Capacity ⅛ to ½ inch round, Bit and No. 1 M. T. Shanks

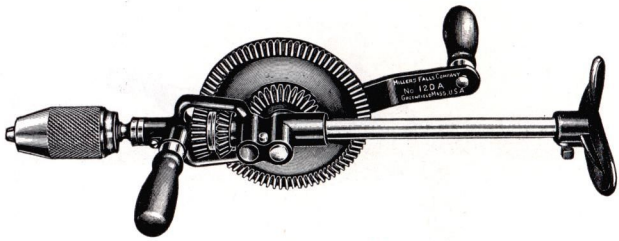
ame sterling construction as No. 118 above, but equipped with a Master chuck holding round shank rills, ⅛ to ½ inch in diameter, bit shanks and No. 1 Morse Taper Shanks.

	Capacity	Length	Weight	Code	Price each
o. 12	Universal	17½"	6½ lbs.	DEBUT	

Packed one in a box

MILLERS FALLS TOOLS SINCE 1868

NOS. 119A AND 120B BREAST DRILLS



Two-Speed Two Steel Pinions

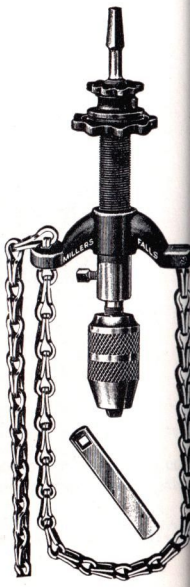
These fine values in the medium priced field are built on strong black enameled frames. The breastplat is connected to the frame by a solid polished steel shank. Two speeds with ratios of 3 to 1 and 1 to Large gear finished in red enamel. Ball thrust bearing on spindle. Side and crank handles mahogan finished hardwood. All exposed metal parts nicely polished.

No. 119A is equipped with a two-jawed chuck that holds ⅛ to ½ inch round and No. 1 Morse Tape shanks and regular square bit brace shanks. No. 120B is equipped with a Millers Falls three-jawe chuck with protected springs holding 0 to ½ inch round shank drills.

	Capacity	Length	Weight	Code	Price ea
No. 119A	Universal	18¼"	5 lbs.	YEAWS	
No. 120B	½"	16½"	4⅝ lbs.	DARED	

Packed one in a box

CHAIN DRILLS



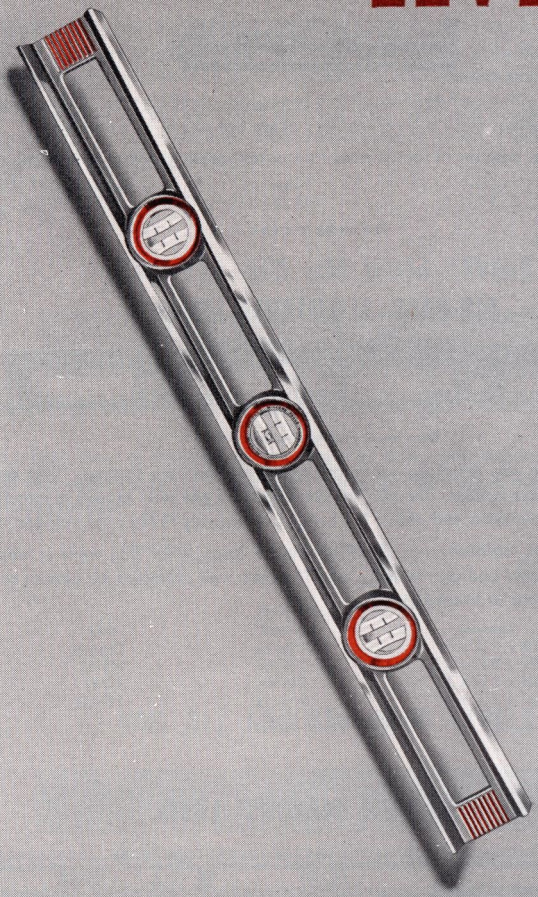
An auxiliary tool for use with a breast drill or bit brace when extra power is needed, or where pressure cannot be easily applied.

The drill is automatically fed into the work by an adjustable friction feed which is automatically regulated by the resistance the drill encounters. Drill breakage is, therefore, reduced to a minimum. Requires but a moment to adjust the chain. Reverse movement of brace withdraws drill. No intricate parts to get out of order. Hand feed can be used if desired. Four feet of stout chain with each drill. No. 719 illustrated.

	Capacity	Weight	Code	Price each
No. 718	⅛ to ½", No. 1 M. T. and Bit Shanks	4½ lbs.	DECUR	
No. 719	0 to ½" Round Shanks	4½ lbs.	DECLP	

Packed one in a box

LEVELS



MILLERS FALLS
TOOLS
SINCE
1868

MILLERS FALLS TOOLS SINCE 1868

NO. 629 LINE LEVEL

A featherweight model with a cat's-eye vial set in a hexagonal aluminum tube. The hooks and guards are so designed that it snaps on to a level line very easily but cannot be jumped off.

Each level packed in a permanent container of transparent celluloid with a screw cap.

	Length	Weight	Code	Price each
No. 629	3″	½ oz.	ZABLO	

Packed six in a box

DIE-CAST ALUMINUM LEVELS

Two level and four plumb vials

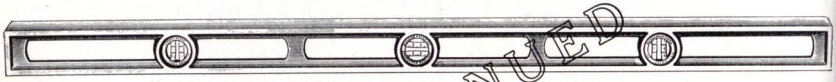
The frames of these fine new levels are made of smooth aluminum die castings. They are designed for maximum strength and rigidity. The two working faces are precisely ground to exact parallelism and nicely finished on four sides and ends. The body is attractively finished in gray and red enamel.

Excellent visibility and luminosity are provided by the large white vial wells in which the high quality vials are accurately and permanently set. They are well protected by glasses on both sides sealed to prevent fogging or breakage.

	Dimensions	Weight	Code	Price each
No. 618	18 x 2¼ x 1″	1⅞ lbs.	PENAN	
No. 624	24 x 2¼ x 1″	2¼ lbs.	PENEC	
No. 628	28 x 2¼ x 1″	2½ lbs.	PENIT	
No. 630	30 x 2¼ x 1″	2⅝ lbs.	PENOL	

Packed one in a box

ALUMINUM MASONS' LEVEL



Two level and four plumb vials

This new level is made from an aluminum casting designed for maximum strength and rigidity without undue weight. Working faces precisely ground to parallelism. Sides polished and the body finished in gray enamel. Large white vial wells protected with sealed glasses. Six high quality vials.

	Dimensions	Weight	Code	Price each
No. 1042	42 x 2¼ x 1⅛″	3¼ lbs.	PEBYK	

Packed one in a box

DISCONTINUED

WOOD LEVELS

The levels shown on this and the following page are made from the finest straight grain white pine procurable. The billets are thoroughly air seasoned and kiln dried and are filled and finished with care to make them as permanently moisture proof as possible and to maintain their accuracy.

None but high quality, accurately curved vials are used. They are precisely and permanently set and will remain that way unless abused. They are set in white wells for luminosity and protected by glasses on both sides and sealed in with putty.

NOS. 124 AND 130 WOOD LEVELS

Two level and two plumb vials

Made from a plain piece of straight grained white pine, thoroughly seasoned and kiln dried. Filled and finished with weather-proofing red lacquer. White, glass protected and sealed vial wells. Two hand grips on either side.

	Dimensions	Weight	Code	Price each
No. 124	24 x 2½ x 1¼"	1½ lbs.	PEFAM	
No. 130	30 x 2½ x 1¼"	1½ lbs.	PEFUX	

Packed one in a box

NOS. 312 AND 330 WOOD LEVELS

One level and one plumb vial

Same fine quality level as above but with only one level and one plumb vial but with a glass protected and sealed top view opening above the level vial. One hand grip on either side.

	Dimensions	Weight	Code	Price each
No. 312	12 x 2½ x 1¼"	1 lb.	PEGAM	
No. 318	18 x 2½ x 1¼"	1 lb.	PEGIS	
No. 324	24 x 2½ x 1¼"	1½ lbs.	PEGMY	
No. 328	28 x 2½ x 1¼"	1½ lbs.	PEGUN	
No. 330	30 x 2½ x 1¼"	1½ lbs.	PEGYT	

Packed one in a box

MILLERS FALLS TOOLS SINCE 1868

NO. 948 MASONS' LEVEL

Full Brass Binding **Two level and four plumb vials**

Made of straight grained, selected white pine thoroughly seasoned and kiln dried. Full brass binding on four edges and brass plates on the ends. Two level and four plumb vials accurately and permanently set in the three oval wells protected and sealed in by glass. Fine red finish makes it as permanently moisture proof and non-fogging as possible. Two hand grips on either side.

	Dimensions	Weight	Code	Price each
No. 948	48 x 2½ x 1¼"	3½ lbs.	PEJJO	

Packed one in a box

NO. 848 MASONS' LEVEL

Brass Ends **Two level and four plumb vials**

The same fine levels as above with brass end plates but without the brass binding. Two level and four plumb vials.

	Dimensions	Weight	Code	Price each
No. 848	48 x 2½ x 1¼"	2½ lbs.	PEKAC	

Packed one in a box

NO. 448 MASONS' LEVEL

One level and two plumb vials

Similar to the levels above but with only one level and two plumb vials which are set in round glass protected and sealed wells. Red weatherproof finish.

	Dimensions	Weight	Code	Price each
No. 448	48 x 2½ x 1¼"	2½ lbs.	PEMAK	

Packed one in a box

NO. 590 TORPEDO LEVEL

One level, one 45° and one plumb vial

beautiful level, unique in the materials used and its wider range of usefulness.

The body is moulded, glossy black bakelite, an ideal material for the purpose due to its great strength; npervious to moisture and the fact that it is affected less by temperature changes than either wood r metal.

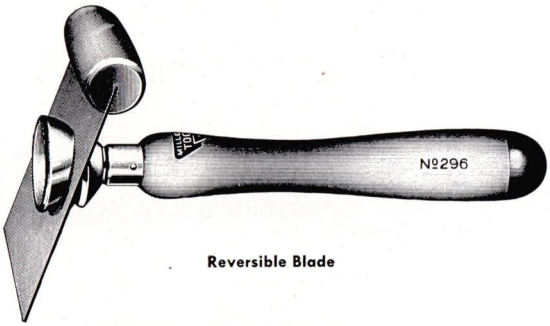
The top plate is a heavy piece of polished "nickeloid" which sets flush with the body and gives mple protection to the level glass.

Two plumb, one 45° and one 90°, and one level vial are provided, all of the cat's-eye type, which ffords better visibility in poorly illuminated places.

	Dimensions	Weight	Code	Price each
lo. 590	9 x 1¼ x ¾"	5 ozs.	YUOMO	

SEE PAGE 11 FOR COUNTER DISPLAY OF FOUR LEVELS

NO. 296 FLOOR SCRAPER



Reversible Blade

his new scraper has a very quick, positive adjustment of the blade. It is equipped with a practical all joint that permits setting the blade at a wide range of angles and pitches by simply loosening nd tightening the handle.

The blade, which is reversible so all four edges can be used, is made of finest quality tool steel, x 4½ inches, hardened and tempered to hold the ideal scraping edge.

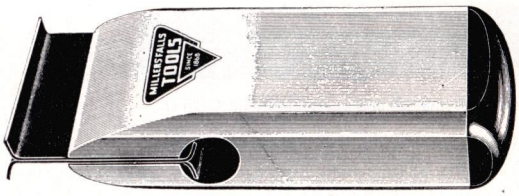
A large, well shaped blade handle is provided to which ample pressure can be applied without iscomfort. Both handles are turned from selected hardwood and have a fine natural lacquer finish ith green tips.

	Width	Length	Weight	Code	Price each
lo. 296	3"	9⅞"	¾ lb.	YICOM	
lo. 376 Extra Blades				YOCAJ	

Packed one in a box

MILLERS FALLS TOOLS SINCE 1868

NOS. 34 AND 35 WOOD SCRAPERS



Four Scraping Edges

The four fine tool steel scraping edges with which these scrapers are equipped make them an outstanding scraper value. Two edges are always in position ready for use and two more are available by simply reversing the scraper iron. No other scraper offers such value.

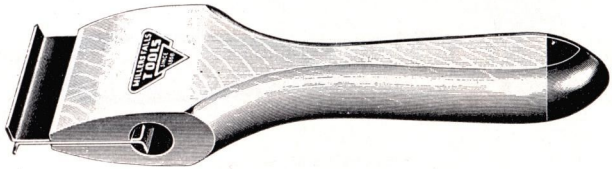
Blades fine tool steel carefully hardened and tempered and then ground and honed to a fine scraping edge.

Handles are of selected hardwood nicely finished in natural lacquer with a green tip.

		Width Blade	Length	Weight	Code	Price each
No. 34		2½″	5″	6 ozs.	YOOLU	
No. 35		1½″	5″	4 ozs.	YOOMA	
No. 346	Extra Blades for No. 34				YOONY	
No. 356	Extra Blades for No. 35				YOOPI	

Packed six in a box

NOS. 39 AND 51 WOOD SCRAPERS



Four Scraping Edges

The paint brush type handle with which these scrapers are equipped greatly facilitates any scraping operation as it provides ample room to apply pressure and a sure comfortable grip in exerting the necessary pull.

They are equipped with new improved blades that give a finer surface with less effort. Each blade has four scraping edges. Two are always ready for use and the other two quickly available by simply reversing the blade in the handle.

The selected hardwood handles are nicely finished in clear lacquer with a green tip.

		Width of Blade	Length	Weight	Code	Price each
No. 39		2½″	8¾″	6 ozs.	YADAT	
No. 51		1½″	7½″	4 ozs.	YAFVA	
No. 346	Extra Blades for No. 39				YOONY	
No. 356	Extra Blades for No. 51				YOOPI	

Packed six in a box

SCREW DRIVERS

MILLERS FALLS TOOLS
SINCE 1868

MILLERS FALLS TOOLS
SINCE 1868

NO. 29 AUTOMATIC SPIRAL RATCHET SCREW DRIVER

With Automatic, Quick Return

A new, automatic spiral screw driver particularly suited to the requirements of the hobbyist and householder. It is a high grade tool in every detail, sturdily built and nicely finished.

It drives or draws medium size screws smoothly, easily and with surprising rapidity. The spiral is just as carefully machined as on our larger sizes. The ratchet mechanism is entirely new and dependable. Action is controlled by simply turning the knurled shifter sleeve right or left as indicated on the stamped band. When set at 0, ratchet mechanism is locked.

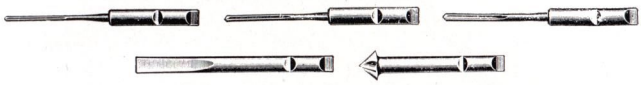
One bright finish forged steel bit ¼ inch wide is regular equipment. The chuck and chuck sleeve, shifter sleeve and screw in handle end are nicely nickeled and buffed. The handle is made of hardwood with a nice mahogany lacquer finish.

	Length Extended with Bit	Weight	Code	Price Each
No. 29	10 ¼"	⅝ lb.	GAKON	

Packed one in a box

SEE PAGE 13 FOR NO. 29X SET

EXTRA TOOLS



The drills, countersink and slim cabinet type screw driver bit listed below greatly increase the usefulness of the No. 29 screw driver. They are all made with shanks that fit the chuck. No. 329 Set of Points consist of one each 1/16, 5/64 and 3/32 inch diameter.

		Size	Code	Price
No. 297	Cabinet Bit	5/32"	GEBAC	Doz.
No. 298	Countersink	3/8"	GEBAN	Doz.
No. 329	Set of Points	1/16" - 5/64" - 3/32"	GEBED	Set
No. 3291	Drill Point	1/16"	GEBIF	Doz.
No. 3292	Drill Point	5/64"	GEBIR	Doz.
No. 3293	Drill Point	3/32"	GEBOM	Doz.

Cabinet Bit and Countersinks packed ¼ doz. in an envelope
Drill Points packed ½ doz. or one set in a screw top vial

NO. 294 DISPLAY UNIT

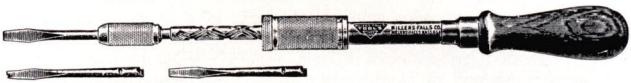
The attractive display for the No. 29 screw driver and its attachments made of wood, lacquered and silk screened in three colors, is free with only four screw drivers.

		Weight	Code	Price
No. 294	Display Unit	3 ¾ lbs.	GIBBO	

Complete with 4 No. 29 Screw Drivers and 1 each Nos. 329 Set of Points, 297 Screw Driver Bit, 298 Countersink and Display

Packed one unit in a carton

SPIRAL RATCHET SCREW DRIVERS



Automatically drives or draws screws, acts as a left- or right-hand ratchet or as a rigid screw driver. These actions are all controlled by a simple shifting of the knurled control sleeve and the spiral lock nut.

The spiral is a solid rod of fine quality steel, precisely machined, running in two manganese bronze spiral nuts controlled by hardened tool steel ratchet pawls. Greatly increased life has been secured by nearly doubling the length of the spiral nuts.

Three sizes of special analysis steel blades, individually tested, are furnished as regular equipment. They are quickly installed by drawing down the shell of the quick acting chuck, inserting the shank and turning it until seated and then releasing the chuck shell.

All exposed metal parts finely polished, nickeled and buffed. Mahogany finished hardwood handle.

	Length Extended with Bit Inserted	Length Closed with Bit Inserted	Weight	Code	Price each
No. 67A	13″	9 ¾″	⅝ lb.	GAILY	
No. 61A	19 ⅞″	13 ⅞″	1 ⅜ lbs.	GALAX	
No. 62A	22 ⅞″	16 ⅞″	1 ⅞ lbs.	GABEL	

With Automatic, Quick Return

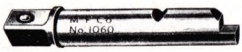
Same design and action as above, with the addition of a spring in the handle which automatically returns the handle for the next stroke. Makes one hand operation easy.

	Length Extended with Bit Inserted	Length Closed with Bit Inserted	Weight	Code	Price each
No. 670A	13 ¾″	10 ½″	¾ lb.	GALEA	
No. 610A	20 ⅝″	15″	1 ½ lbs.	GALIO	
No. 620A	27 ⅛″	19″	2 ⅜ lbs.	GALOP	

Packed one in a box

For extra Phillips and Standard Bits and Drill Attachments see page 64.

SOCKET WRENCH ADAPTERS



FOR USE WITH AUTOMATIC SCREW DRIVERS

These adapters fit directly into the chuck of Nos. 61A, 610A, 62A and 620A Automatic Screw Drivers described above. They convert them to light-duty nut runners and setters, and accommodate any socket with a ¼″ back.

		Price Each
No. 1061	Fitting Nos. 61A and 610A	
No. 1062	Fitting Nos. 62A and 620A	

Packed one in an envelope

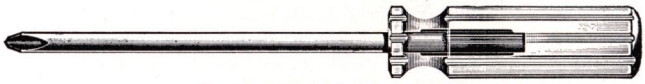
MILLERS FALLS TOOLS SINCE 1868

PERMALOID HANDLE SCREW DRIVERS

These handsome screw drivers are even more durable and efficient than they are beautiful. The handles are made of transparent bright red Permaloid, an unbreakable, cellulose acetate butyrate, a very slow burning material of high dielectric strength ideal for a screw driver in every way. They are ribbed to give a positive grip and the lengths and diameters are ample for efficient, comfortable use.

The blades are made of a fine grade of steel, heat-treated their entire length for extreme toughness, the bits are cross ground, nicely finished. Each individual blade is torque tested.

NO. 850 PHILLIPS SCREW DRIVER

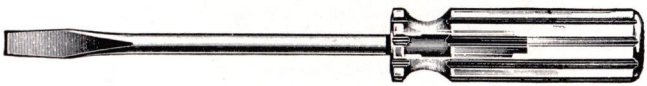


Licensed under U. S. Patent No. 2,046,840

These drivers are designed to handle the Phillips recessed head screw which is gaining rapidly in popularity. The blades are machined within very close limits to fit the screws perfectly. Blades nicely polished. Unbreakable, transparent red Permaloid handles of high dielectric strength and very slow burning.

	Phillips	Screw Size	Length Blade	Diameter Shank	Weight Box	Code	Price each
No. 850	No. 1	0 to 4	3″	9/64″	½ lb.	ZENAX	
No. 850	No. 2	5 to 9	4″	¼″	1 ¼ lbs.	ZENFO	
No. 850	No. 3	10 to 16	6″	5/16″	2 lbs.	ZENKA	
No. 850	No. 4	18 to 24	8″	3/8″	3 ½ lbs.	ZENRO	

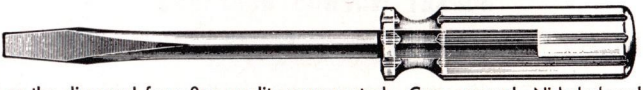
NO. 851 STANDARD SCREW DRIVER



Cross ground, standard type, round shank blades with nickeled and burnished finish. Unbreakable, transparent red Permaloid handles of high dielectric strength and very slow burning.

	Length Blade	Diameter Shank	Weight Box	Code	Price doz.
No. 851	4″	9/32″	1 ½ lbs.	ZEODY	
No. 851	6″	5/16″	2 lbs.	ZEOFA	
No. 851	8″	3/8″	3 ¼ lbs.	ZEOHE	
No. 851	10″	3/8″	4 ½ lbs.	ZEOIT	
No. 851	12″	3/8″	5 lbs.	ZEOJA	

NO. 852 HEAVY DUTY SCREW DRIVER

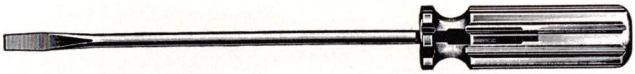


Bits forged on the diagonal from fine quality square stock. Cross ground. Nickeled and burnished. Unbreakable, transparent red Permaloid handles of high dielectric strength and very slow burning.

	Length Blade	Size Shank	Weight Box	Code	Price doz.
No. 852	4″	¼ x ¼″	1 ¼ lbs.	ZEOJT	
No. 852	6″	5/16 x 5/16″	2 ¼ lbs.	ZEOKA	
No. 852	8″	3/8 x 3/8″	3 ¾ lbs.	ZEOKM	
No. 852	10″	3/8 x 3/8″	4 ¼ lbs.	ZEOKO	
No. 852	12″	3/8 x 3/8″	5 lbs.	ZEOKR	

Packed six in a box

NO. 853 CABINET SCREW DRIVER



ades hammer-forged from high grade 3/16 inch round stock and tempered entire length. Cross ground, rnished nickel finish. Unbreakable, transparent red Permaloid handles of high dielectric strength d very slow burning.

	Length Blade	Diameter Blade	Weight Box	Code	Price doz.
o. 853	3"	3/16"	3/4 lb.	ZEOKS	
o. 853	6"	3/16"	7/8 lb.	ZEOLA	
o. 853	8"	3/16"	1 lb.	ZEOLD	
o. 853	10"	3/16"	1 1/8 lbs.	ZEOLE	

SEE ALSO NO. 856 SERIES ON PAGE 20

STUBBY SCREW DRIVERS

urdy, well made tools for use in close quarters or to carry in the pocket. Blades are 1½ inches long, rged from high grade 5/16 inch square stock. The unbreakable, transparent red Permaloid handles re of high dielectric strength and very slow burning.

	Size Blade	Length Blade	Weight Box	Code	Price
o. 854	5/16" Standard	1 1/2"	7/8 lb.	ZEOMU	
o. 860	No. 1 Phillips	1 1/2"	1/2 lb.	ZERAB	
o. 860	No. 2 Phillips	1 1/2"	7/8 lb.	ZEREM	
o. 860	No. 3 Phillips	1 1/2"	1 lb.	ZERLO	

NO. 855 VEST POCKET SCREW DRIVER

he pencil clip with which this little screw driver is equipped makes it ideal for the vest pocket. The ickeled blade is made of 1/8 inch round stock, just right size to handle innumerable screws too small or the ordinary driver. The handle is unbreakable, transparent red Permaloid of high dielectric trength and very slow burning.

	Length Blade	Diameter Blade	Weight Box	Code	Price doz.
lo. 855	2"	1/8"	1/4 lb.	ZEORA	

Packed six in a box

MILLERS FALLS TOOLS
SINCE 1868

RATCHET SCREW DRIVERS

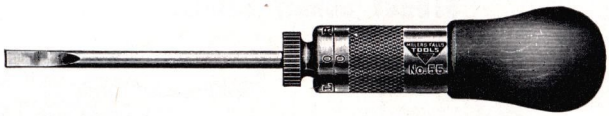
The smooth, sturdy ratchet mechanism built into this well-known tool has been thoroughly time tested. It is controlled by turning the knurled shifter sleeve to any one of three positions giving right- or left-hand ratchet or positive action, as desired.

The blade is forged from high quality screw driver steel. Ratchet housing is steel with hardened tool steel ratchet pawls and spring steel springs.

Exposed metal parts polished and nickel plated. Handle mahogany lacquered hardwood.

	Length Blade	Weight Box	Code	Price each
No. 63	3″	1 ¾ lbs.	GANIL	
No. 63	4″	1 ⅞ lbs.	GAPER	
No. 63	6″	3 ¼ lbs.	GARTH	
No. 63	8″	3 ⅝ lbs.	GARUM	

Packed six in a box

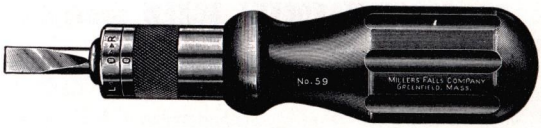


Particularly adapted for radio, electrical and cabinet work where small screws are used. The cabinet type blade can be spun by merely turning the knurled collar at the base of the blade between thumb and fore finger. The same dependable ratchet mechanism is used as in the No. 63 above, gives right- and left-hand ratchet and rigid actions.

Blade nicely polished, other metal parts polished and nickel plated. Handle mahogany lacquered hardwood.

	Length Blade	Weight Box	Code	Price each
No. 55	2″	1 lb.	GATCH	
No. 55	3″	1 lb.	GATER	
No. 55	4″	1 ⅛ lbs.	GATHA	
No. 55	6″	1 ¼ lbs.	GAUDY	

Packed six in a box



Exactly the same mechanism as the heavy sizes of No. 63, with a short, stocky blade and handle for use by gunsmiths, locksmiths, electricians, mechanics and others who need a heavy duty ratchet driver. Three actions: right- and left-hand ratchet and rigid.

Exposed metal parts polished and nickel plated. Handle mahogany lacquered hardwood.

	Length Blade	Length Overall	Weight Box	Code	Price each
No. 59	1 ⅛″	6 ¼″	2 ½ lbs.	GAWBY	

Packed six in a box

NO. 676 STEEL HEAD SCREW DRIVER

Torque Tested Blades

extra fine quality screw driver with a steel head set into the end of the handle and everlastingly ked directly to the shank of the blade. The more hammering on the head, the tighter this lock comes.

The blades are hammer-forged from a fine quality of tool steel selected for its remarkable toughness en properly heat-treated. The shanks have long, wide wings forged on them that preclude any ance of turning in the handle. The handles, of excellent shape and fluted to give a good grip, are ade of selected hardwood with a fine mahogany lacquer finish. The handle is protected by a heavy el ferrule pinned through the blade.

The blades are highly polished and the steel head and ferrule nickel plated.

	Length Blade	Diameter Blade	Weight Box	Code	Price doz.
. 676	3″	7/32″	1 1/4 lbs.	ZAJUZ	
. 676	4″	9/32″	1 3/4 lbs.	ZAJVE	
. 676	5″	5/16″	2 1/2 lbs.	ZAJYO	
. 676	6″	5/16″	2 5/8 lbs.	ZAKAV	
. 676	8″	3/8″	4 lbs.	ZAKIX	
. 676	10″	3/8″	4 1/2 lbs.	ZAKOZ	
. 676	12″	3/8″	5 lbs.	ZAKUB	

Packed six in a box

NO. 909 SCREW DRIVER

Torque Tested Blades

he same fine screw driver described above but without the steel head. No finer general purpose rew driver can be made.

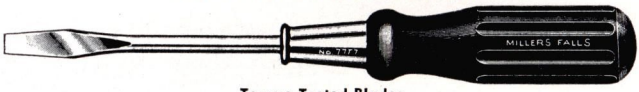
Finely polished tool steel blade. Pinned nickel plated ferrule and mahogany lacquered hardwood andle.

	Length Blade	Diameter Blade	Weight Box	Code	Price doz.
o. 909	2″	7/32″	3/4 lb.	ZIASP	
o. 909	3″	7/32″	7/8 lb.	ZIAWS	
o. 909	4″	9/32″	1 3/8 lbs.	ZIAXT	
o. 909	5″	5/16″	1 7/8 lbs.	ZIBBO	
o. 909	6″	5/16″	2 lbs.	ZIBIZ	
o. 909	8″	3/8″	3 1/4 lbs.	ZIBUC	
o. 909	10″	3/8″	3 3/4 lbs.	ZIBWA	
o. 909	12″	3/8″	4 1/8 lbs.	ZIBYE	
o. 909	18″	3/8″	5 1/2 lbs.	ZICEZ	

Packed six in a box

MILLERS FALLS TOOLS
SINCE 1868

NO. 7777 SCREW DRIVER



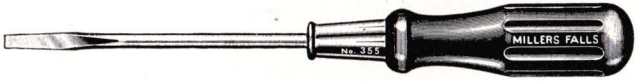
Torque Tested Blades

A sturdy, serviceable screw driver made in the five most saleable lengths. Blades are hammer-forged from specially tough steel, hardened and tempered their entire length. Forged lugs on shank prevent turning in handle. Blades and ferrules nickel plated and burnished. Hardwood handle finished in black lacquer with red end. Fluted for sure grip.

	Length Blade	Diameter Shank	Weight Box	Code	Price do
No. 7777	3″	7/32″	1 3/4 lbs.	GICAB	
No. 7777	4″	9/32″	2 1/2 lbs.	GIDED	
No. 7777	5″	5/16″	3 3/4 lbs.	GIFFO	
No. 7777	6″	5/16″	3 7/8 lbs.	GIGLA	
No. 7777	8″	3/8″	6 1/4 lbs.	GIHUN	

Packed one dozen in a box

NO. 355 CABINET SCREW DRIVER



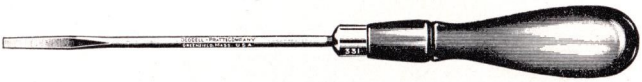
Torque Tested Blades

Manufactured from the best materials obtainable for the purpose and finished in keeping. The blades are hammer-forged from a high grade tool steel, carefully hardened and oil tempered and nicely polished. The handles are made of hardwood, fluted to give a good grip and nicely finished in mahogany lacquer. Handles are protected by heavy steel ferrules, securely pinned on.

	Length Blade	Diameter Blade	Weight Box	Code	Price do
No. 355	2 1/2″	7/32″	7/8 lb.	YIWAY	
No. 355	3 1/2″	7/32″	7/8 lb.	YIWEZ	
No. 355	4 1/2″	7/32″	1 lb.	YIWIB	
No. 355	5 1/2″	7/32″	1 lb.	YIWOC	
No. 355	6 1/2″	7/32″	1 1/8 lbs.	YIWUD	
No. 355	8 1/2″	7/32″	1 1/4 lbs	YIZAB	

Packed six in a box

NO. 331 JEWELERS' SCREW DRIVER



A slim, light screw driver of the best quality suitable for the most delicate work. The blades are hammer forged from the best quality tool steel, carefully hardened and tempered.

The handles are hardwood with a fine mahogany lacquer finish. They are protected with a nickel plated steel ferrule.

	Length Blade	Diameter Blade	Weight Box	Code	Price do
No. 331	2″	9/64″	3/8 lb.	YINPA	
No. 331	3″	9/64″	3/8 lb.	YINSO	
No. 331	4″	9/64″	1/2 lb.	YINUT	
No. 331	5″	9/64″	1/2 lb.	YINYV	
No. 331	6″	9/64″	5/8 lb.	YIOCH	
No. 331	8″	9/64″	3/4 lb.	YIOFK	

Packed six in a box

NO. 69 STUBBY SCREW DRIVER

A tool small enough to be unnoticed in the side pocket and still fits the palm of the hand so snugly and with such a positive grip that screws out of all proportion to its size are driven or drawn with ease. An invaluable tool for general repair work, machine adjustments, appliance repairs, and all work in close quarters.

The finely polished tool steel blade, 1½ inches long, is set in a fluted hardwood handle finished in natural lacquer and protected with a heavy steel ferrule.

	Length Blade	Overall	Weight Box	Code	Price each
No. 69	1½″	4½″	14 ozs.	YALKA	

Packed six in a box

NO. 199 OFFSET SCREW DRIVER

This unique driver is equipped with four blades, two at either end set at right angles to each other and the pair at one end set at 45° from the pair at the other. This provides a blade position for eight positions of the screw slot, making it possible to handle screws otherwise inaccessible. Provides power for starting or setting large screws.

Blades are machined from fine quality manganese tool steel, hardened and tempered for maximum toughness. Nicely nickel plated.

	Length	Weight Box	Code	Price each
No. 199	5¼″	1⅛ lbs.	YELOW	

Packed six in a box

NO. 797 OFFSET SCREW DRIVER

A wonderful tool for reaching out-of-the-way screws, starting frozen ones, or wherever a lot of power is necessary. Forged from a fine grade of octagon steel, carefully hardened and tempered, with the bits nicely polished. Blades are set at right angles to one another, and on opposite sides of the handle. Made in two sizes, 4¼ and 6¼ inches.

	Length	Stock	Weight Box	Code	Price doz.
No. 797	4¼″	¼″	1¼ lbs.	ZEGMO	
No. 797	6¼″	⅜″	3 lbs.	ZEGNA	

Packed one dozen in a box

MILLERS FALLS TOOLS
SINCE 1868

SCREW DRIVER BITS

An unexcelled line, hammer-forged from the best quality of steel procurable for the purpose. Carefully hardened, tempered and nicely polished.

Points carefully formed and accurately finished to fit the slots of the size screws for which they are intended. Shanks well finished to fit securely in two-jawed or bit brace chucks. Length, 5 inches overall

	Size	Size Screws	Weight Box	Code	Price do
No. 351	¼"	6 to 8	½ lb.	YIVOB	
No. 351	5/16"	8 to 12	½ lb.	YIVUC	
No. 351	⅜"	12 to 16	¾ lb.	YIVWA	
No. 351	7/16"	16 to 20	⅞ lb.	YUHTE	
No. 351	½"	20 to 24	⅞ lb.	YUHUX	
No. 351	Asst. ¼-⅜"	6 to 16	⅝ lb.	YUNIC	

Packed six in a box

BITS FOR SPIRAL RATCHET SCREW DRIVERS

For Standard Slotted Screws

Fitting	Width	No.	Width	No.	Width	No.	Weight Doz.	Price Set	Price Doz.
Nos. 67-670	5/32"	**1514**	3/16"	**1515**	7/32"	**1516**	¾ lb.		
Nos. 61-610	7/32"	**1201**	¼"	**1202**	9/32"	**1203**	⅞ lb.		
Nos. 62-620	¼"	**1166**	5/32"	**1167**	5/16"	**1168**	1 lb.		

For Phillips Recessed Head Screws

Licensed under U. S. Patent No. 2,046,840

No.	Fitting	Phillips Size	Weight Doz.	Price do
P17	**Nos. 67-670-29-29X**	No. 1	¾ lb.	
P27	**Nos. 67-670-29-29X**	No. 2	¾ lb.	
P11	**Nos. 61-610**	No. 1	¾ lb.	
P12	**Nos. 61-610**	No. 2	¾ lb.	
P13	**Nos. 61-610**	No. 3	¾ lb.	
P22	**Nos. 62-620**	No. 2	¾ lb.	
P23	**Nos. 62-620**	No. 3	¾ lb.	

CHUCK AND DRILL ATTACHMENTS

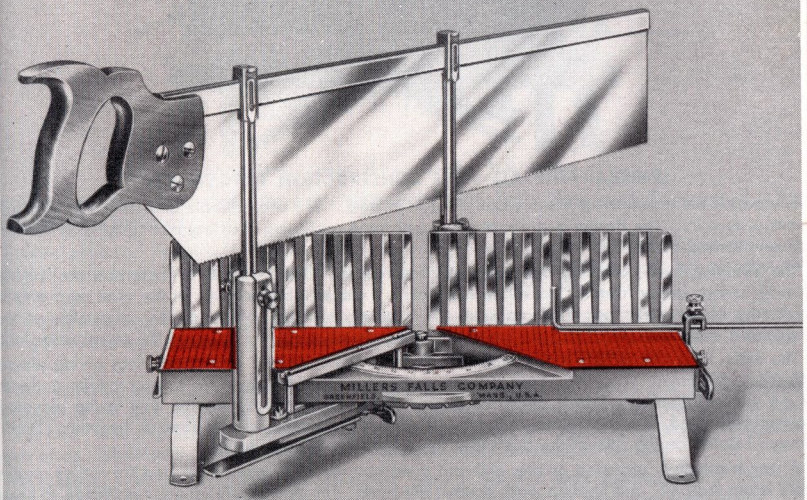
For Spiral Ratchet Screw Drivers

These attachments for the spiral ratchet screw drivers on page 39 convert them into an efficient auto matic drill for boring small holes, greatly increasing the utility of the driver. The chuck has a ball loc that holds New Style, No. 401 Drill Points securely. It has a knurled tightening nut which is nicel polished, as is the shank. Eight sizes of drills, 1/16 to 11/64 inch in diameter.

	For Use with Screw Driver	Drill Points	Sizes	Weight	Code	Price ea
No. 6700	Nos. 67A and 670A	3	1 to 3	⅛ lb.	GAMOT	
No. 6100	Nos. 61A and 610A	8	1 to 8	¼ lb.	GAMIC	
No. 6200	Nos. 62A and 620A	8	1 to 8	¼ lb.	GAMOX	

Packed one in a round wooden box

MITRE BOXES

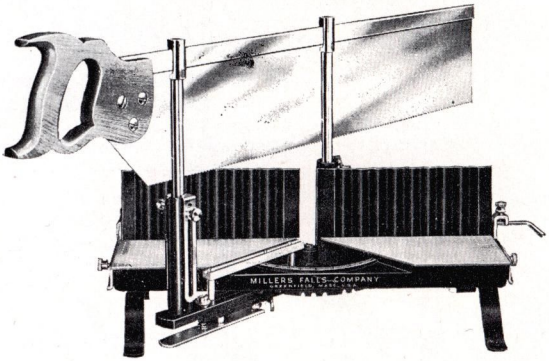


MILLERS FALLS TOOLS

SINCE 1868

MILLERS FALLS TOOLS
SINCE 1868

ALL STEEL MITRE BOXES



UNBREAKABLE ALL-STEEL CONSTRUCTION THROUGHOUT

Every part in the assembly of this fine box is made of steel. It is unbreakable and free from replacements or repairs. The design and construction guarantee continuing accuracy of angular and vertical cuts and lasting durability.

The swinging lever, carrying the posts and saw guides which operate in them and the locking devices, swings freely from 45° to 90° left or right. It can be positively set at the most used angles by means of the lever lock which engages the precisely located notches on the lower side of the graduated quadrant. Or it may be set at any intermediate angle by means of the compression lock.

The extra long saw guides are equipped with three point "Oilite" bronze bearings giving almost effortless saw travel. They also have adjustable gauges for maintaining the proper maximum depth of cut with relation to the bed plates after saw filing. The guides hold the saw in the elevated position illustrated, when not in use, by means of automatic spring catches located in the posts. Depth gauges located on the side of the posts limit the cut to any desired depth.

A length gauge is provided on one end and a stop on the other end of the bed for cutting angles more acute than 45° and holding work against the back. The bottom plates are roughened to keep the work from slipping.

Each box is thoroughly tested for accuracy using the high grade back saw that is shipped with it. Boxes without saws are available but their accuracy cannot be guaranteed.

The bed, back, swinging lever, posts and legs are finished in black enamel; the bed plates in red enamel. All exposed metal parts nicely nickel plated.

Capacity of all sizes, with swinging lever extended, is 10½ inches at right angle, 7¼ inches at mitre. Length of bed 19⅜ inches; width 4½ inches; height of back 3¾ inches.

Prices Complete with Saw

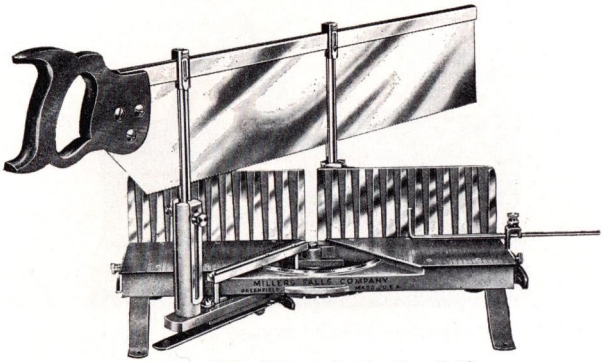
	Size Saw	Net Weight	Shipping Weight	Code	Price each
No. 1244C	24 x 4″	21½ lbs.	27½ lbs.	ZITRE	
No. 1264C	26 x 4″	22 lbs.	28 lbs.	ZITUV	
No. 1285C	28 x 5″	23 lbs.	31 lbs.	ZITWY	
No. 1305C	30 x 5″	23½ lbs.	31 lbs.	ZIUGH	
No. 1306C	30 x 6″	25 lbs.	33 lbs.	ZIUHJ	

Prices without Saw

No. 1002C for 4″ Saw	18 lbs.	22 lbs.	ZIRNA	
No. 1003C for 5″ Saw	19 lbs.	23 lbs.	ZIROR	
No. 1004C for 6″ Saw	20 lbs.	24 lbs.	ZIRPE	

Packed one in a carton

LANGDON ACME MITRE BOXES



Three Point "Oilite" Bronze Bearing Saw Guides

ngdon Acme has always been the outstanding metal mitre box. Now, more than ever, it is the ost desirable box made.

The one piece cast bed and back have been redesigned for much greater strength and are precisely illed at right angle to one another. The legs are made of steel and are extended for greater ability.

The extendable, swinging lever is now made of solid steel as are the posts and saw guides. The w guides are equipped with three "Oilite" bronze bearings providing easier and smoother w travel.

Mounted on the steel posts in which the saw guides operate are adjustable depth gauges to regulate e depth of cut and also stops to hold the guides and saw elevated for quick changing of work n the bed. Still another adjustment is provided on the guides to maintain the proper maximum epth of cut with relation to the bed plates and to compensate for filing of the saw.

The swinging lever travels freely from 45 to 90° right or left and locks automatically at the most sed angles. It can be locked at any intermediate angle by means of the additional compression lock.

A length gauge is provided on one end of the bed and a stop for cutting acute angles or holding ork against the back on the other. The bed plates are steel scored to prevent slipping.

The highest quality back saws are supplied, each tested for accuracy in the box with which it is ipped. The accuracy of boxes shipped without saws cannot be guaranteed.

The bed, back, swinging lever, posts and legs are finished in gray enamel. The bed plates are ed enameled. All exposed metal parts, except the saw, nickel plated.

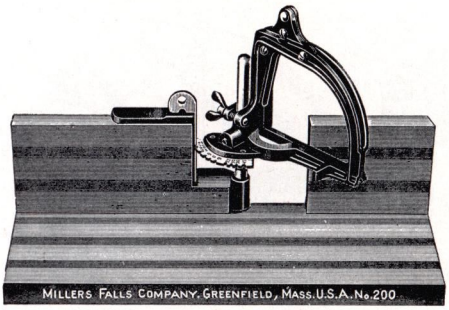
Maximum capacity of all sizes 10½ inches at right angle; 7¼ inches at mitre. Length of bed 9¾ inches; width 4½ inches; height of back 3¾ inches.

	Size Saw	Net Weight	Shipping Weight	Code	Price each
		Prices Complete With Saw			
lo. 72C	24 x 4″	27½ lbs.	33½ lbs.	LADDE	
lo. 73C	26 x 4″	28 lbs.	34 lbs.	LADIM	
lo. 74C	28 x 5″	29 lbs.	37 lbs.	LADLE	
lo. 75C	30 x 5″	29½ lbs.	37½ lbs.	LAGER	
		Prices Without Saw			
lo. 1071C	For 4 inch saw	24 lbs.	28 lbs.	LAIRD	
lo. 1074C	For 5 inch saw	25 lbs.	29 lbs.	LAITY	

Packed one in a carton

MILLERS FALLS TOOLS SINCE 1868

NO. 200 MITRE BOX



The frame of this box is made of laminated wood. The saw guide is designed so that either a back or panel saw may be used.

The saw guide is mounted on a steel post and can be adjusted freely for various angles and heights. It is provided with three screws for adjustment to the thickness of the saw blade used.

A steel index plate, indexed and clearly marked for the six commonly used angles, 0, 9, 22½, 30, 36 and 45°, right or left, is fixed to the saw guide. To set the guide at any one of these angles the steel slide key in the frame of the box is lifted and the guide swung until the proper notch in the index plate is opposite the key. The key is then pushed down until it seats firmly in the notch.

Any intermediate angles can be obtained by using the thumb screw at the back of the saw guide. This thumb screw is also used for setting the guide at any desired height.

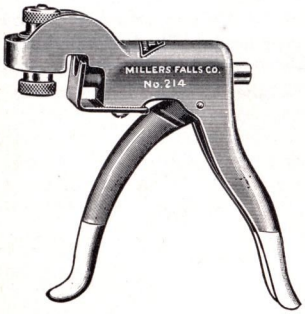
When a back saw is used exact depths can be sawed by raising the saw guide on its post to the proper height so that the shoulders provided prevent the saw going below the desired point.

Bed filled and lacquered. All castings black enameled.

	Dimensions	Weight	Code	Price each
No. 200	16 x 4¾ x 4″	7 lbs.	LITER	

Packed one in a carton

NO. 214 SAW SET



A sturdy set of pistol grip design with a powerful leverage that makes it easy to obtain a positive and uniform set on any saw with a pitch of from 2 to 14 teeth per inch. Good visibility so that the hardened, triangular-shaped plunger can be centered quickly and surely on the tooth to be set.

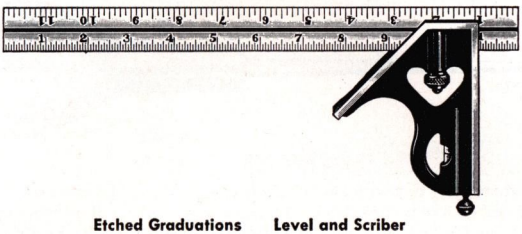
The anvil is carefully hardened and is quickly adjustable to the pitch of tooth to be set. This adjustment is locked by means of the upper knurled thumb nut. An adjustable steel guide is also provided.

Frame and handles are finished in gray and red enamel. All steel parts nickel plated except the hardened anvil.

	Capacity Pitches	Weight	Code	Price each
No. 214	2 to 14	1½ lbs.	YEPRA	

Packed one in a box

CARPENTERS' COMBINATION SQUARES



Etched Graduations **Level and Scriber**

ese are accurate, well-finished squares, made especially for the carpenter. They can be used as a y square, mitre square, depth gauge, marking gauge or as a level or plumb.

The steel blades are 9 or 12 inches long and 1 inch wide, accurately graduated in 8ths and 16ths one side and 16ths and 32nds on the other. The graduations and figures are clearly etched — t stamped.

The beam has accurately milled working faces with polished edges and black enameled web. It is a cat's-eye level vial accurately set in the body which can be used either as a level or a plumb. sturdy, well-pointed scriber is also supplied.

The beam can be slipped along the scale and locked at any point by tightening the knurled thumb nut.

	Length Blade	Weight	Code	Price each
o. 9500	9″	14 ozs.	ZOPER	
o. 1200	12″	15 ozs.	ZISPA	

Packed four in a box

Etched Graduations

An accurate, well-finished square made especially for the carpenter. It serves a number of important nctions such as try square, mitre square, depth gauge or marking gauge.

The steel blade is 12 inches long and 1 inch wide. It is well finished and clearly and accurately raduated in 8ths and 16ths on one side and 16ths and 32nds on the other. Both figures and raduations are extremely legible as they are deeply etched — not stamped.

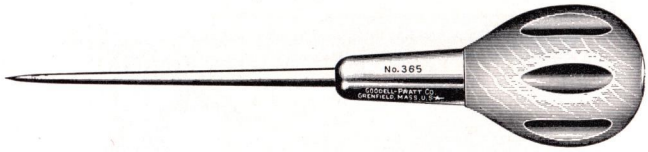
The working faces of the beam are accurately milled with polished edges. The web is finished in ossy black enamel. When the knurled binder nut is loosened the blade can be moved to left or right s desired and locked at any point.

	Length Blade	Weight	Code	Price each
o. 1000	12″	14 ozs.	ZIRAD	

Packed four in a box

MILLERS FALLS TOOLS
SINCE 1868

NO. 365 DIAMOND POINT AWL



Forged Blade with Steel Bolster

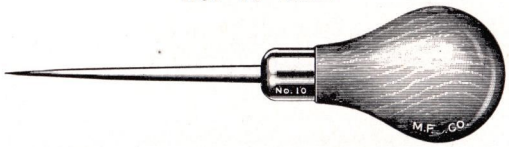
This good tool has thoroughly demonstrated its quality in the hands of thousands of users. Its usefuln is almost unlimited and no tool box or shop is complete without one. It is indispensable for laying work on wood, soft metals and other similar materials; making holes for starting nails or screws o innumerable other uses.

The blade is hammer-forged tool steel, carefully hardened, tempered and polished. It runs cl through the handle and is locked into a steel head set flush with the end of the handle. The hand protected by a heavy, nickel plated steel ferrule, is selected hardwood with a natural lacquer fi and is fluted to give a good grip. These flutes also prevent the tool from rolling.

	Blade	Overall	Weight	Code	Price
No. 365	3 ½"	6 ¾"	3 ozs.	YOANE	

Packed six in a box

NO. 10 AWL

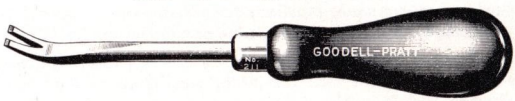


A smaller, lower priced awl that is equally useful. The blade, 2⅝ inches long, is nicely pointed, tape and polished. The blade is securely set in a solid, hardwood handle protected by a nickel pla ferrule. Handle finished in natural lacquer.

	Blade	Overall	Weight	Code	Price
No. 10	3 ½"	5"	1 oz.	YOALO	

Packed one dozen in a box

NO. 211 TACK CLAW

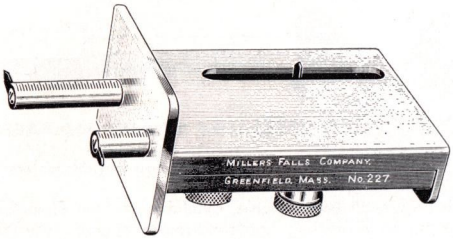


The blade of this very efficient tool is carefully shaped and finished for pulling tacks and small, hea nails rapidly and with little or no effort. It is forged from a high grade of 5/32 inch steel, harde tempered and polished. The comfortable, hardwood handle is protected by a nickel plated fer and nicely finished in mahogany lacquer.

	Length Overall	Weight	Code	Price
No. 211	7"	3 ½ ozs.	YEPIX	

Packed six in a box

NO. 227 BUTT GAUGE



The installation of butts and hinges has been simplified and speeded up by the redesign and improvement of this tool.

The body is made of two smooth die castings. The rods are steel, accurately graduated, with sharp, hardened, double edged spurs that make legible marks easily.

Working faces of the body are polished with the rest of the body finished in gray enamel. Rods and knurled set screws nickel plated.

	Length	Weight	Code	Price each
No. 227	3 ½″	8 ozs.	YETRE	

Packed one in a box

CARPENTERS' PLUMB BOBS

These plumb bobs are accurately machine turned from cold rolled steel with the points carefully sharpened. They hang true and insure positive accuracy in plumbing and leveling.

They are nicely polished and nickel plated.

	Length	Weight	Code	Price each
No. 1	2 ¾″	3 ozs.	LLOYD	
No. 2	3 ½″	5 ozs.	LOACH	
No. 3	4 ″	7 ½ ozs.	LIVER	
No. 4	5 ″	12 ozs.	LOANY	

Packed six in a box

NO. 56 BENCH HOOK

A strong, rugged tool with a head having four different faces, any one of which can be used in the working position and set at any desired height up to 1¼ inches. Spring automatically raises hook when lock is released. These adjustments are controlled by the lock screw in the center arm. Quickly and easily installed by simply boring two holes: one 2 inches in diameter 7/16 inches deep, and one 1 inch in diameter clear through the bench and setting two screws.

The steel hook is nickel plated. The edge of the socket is polished and the inner surface red enameled.

	Max. Lift	Weight	Code	Price each
No. 56	1 ¼″	11 ozs.	LIVID	

Packed six in a box

MILLERS FALLS TOOLS
SINCE 1868

NO. 396 COUNTERSINKS

DISCONTINUED — SEE NEW NO. 810 PAGE 8

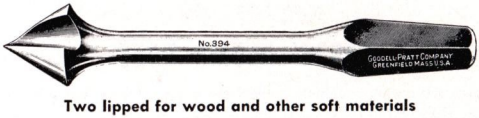
Rose Pattern for use in mild steel, iron and soft metals

These countersinks with square bit brace shanks, available in three diameters, are hammer forged from a high quality of tool steel carefully hardened and tempered. The flutes are milled and the cutting edges ground. Angle 82°.

	Diameter	Length	Weight	Code	Price doz
No. 396	½″	4 ¼″	2 ozs.	YOFIM	
No. 396	⅝″	4 ¼″	2 ozs.	YOFOX	
No. 396	¾″	4 ¼″	2 ozs.	YOFME	

Packed six in a box

NO. 394 COUNTERSINK



Two lipped for wood and other soft materials

Hammer forged from high quality tool steel with two cutting lips and square bit brace shank carefully hardened and tempered. Head and body polished. Angle 82°.

	Diameter	Length	Weight	Code	Price do
No. 394	¾″	4 ¼″	2 ozs.	YOFEM	

Packed six in a box

NO. 410 COUNTERSINK

For use in Power Tools

For countersinking holes to admit the heads of standard screws in mild steel, iron, soft metals, wood and similar materials. Turned from a high quality tool steel with milled flutes and ground edges. Fitted with ¼ inch round shank for use in three-jawed chucks of hand or power driven drills. Nickel polished. Angle 82°.

	Diameter	Shank	Length	Weight	Code	Price do
No. 410	½″	¼″	1 ⅝″	1 oz.	YOFTO	

Packed one dozen in a box

NO. 4100 DISPLAY UNIT

COUNTERSINKS AND SCREW DRIVER BITS

A bright, very substantial unit that displays these small tools to excellent advantage and originates many sales.

The base is made of solid pine and the upright panel of masonite. It is lacquered and silk screened in three colors, red, gray, and black.

Base 5″ by 6 ¾″; Height 9″.

Supplied entirely free with the following assortment:

6 No. 410 Countersinks
4 No. 394 Countersinks
2 No. 810 ¾″ Countersinks
3 No. 810 ⅝″ Countersinks
3 No. 810 ½″ Countersinks
6 No. 351 Ass't Screw Driver Bits

	Weight
No. 4100 Display Unit Complete	3 ¾ lbs.

Packed one unit in a carton

NO. 11 BIT EXTENSIONS

Designed to follow an 1 1/16 inch bit or larger but not recommended for bits larger than 1 2/16 inch. A neat, strong extension of the solid socket type with socket forced on to the shank and pinned. Chuck shell made of heavy seamless tubing is controlled by a coarse thread operated by turning the knurled collar. Entire tool nicely polished.

	Length	Weight	Code	Price each
No. 11	18″	1 lb.	CAMEL	
No. 11	21″	1 ⅛ lbs.	CAMFO	
No. 11	24″	1 ¼ lbs.	CAMIS	

Packed one in a box

NO. 35 BIT EXTENSIONS

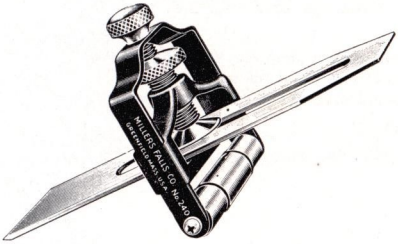
Designed to follow an 1 1/16 inch bit or larger but not recommended for continuous use on bits larger than 1 2/16 inch. The one-piece socket and shank construction of this extension makes it very strong. Chuck shell of extra heavy steel tubing. Drop-forged steel jaws positively seated in socket hold bits securely and in good alignment. Chuck operated by turning knurled collar. Upper hexagon portion for tightening with a wrench when desirable.

	Length	Weight	Code	Price each
No. 35	18″	13 ozs.	CABIO	
No. 35	21″	14 ozs.	CACKO	
No. 35	24″	16 ozs.	CADDY	

Packed one in a box

MILLERS FALLS TOOLS
SINCE 1868

NO. 240
CHISEL AND PLANE IRON SHARPENER



A very simple but efficient device for putting a fine edge on chisels, plane irons and other edged tools.

It overcomes the imperfections of free-hand sharpening and honing, insures a perfectly flat bevel at any desired angle, saves time and prolongs the life of the blade.

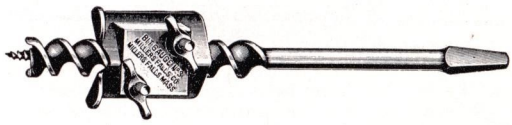
The blade is held rigidly in the holder by means of the lower knurled thumb screw and the angle adjustment is controlled by the upper thumb nut. Still further angle adjustment can be secured by changing the position of the blade in the clamp.

After firmly clamping the blade, place the tool on an oilstone or hone and adjust to the desired angle or bevel. The roller bearing rolls freely on the stone and a keen edge is secured in a minimum of time.

	Capacity	Weight	Code	Price each
No. 240	2 5/8"	11 ozs.	ESDER	

Packed one in a box

NO. 36 BIT GAUGE

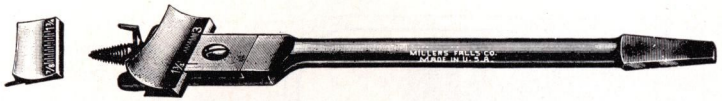


Fits any type of auger bit, clamping securely to the twist of the bit. Clamp controlled by two steel wing nuts. Two smooth shoes prevent marring of the work. Entire tool nickel plated.

	Length	Weight	Code	Price each
No. 36	2"	4 ozs.	AWASA	

Packed six in a box

EXPANSIVE BITS



No. 48

A finely made and finished bit of the Clark Pattern with spurs, cutting edges, throats, screws and cutters designed to function in unison to give a fast, clean cutting bit. Made of the highest quality special bit steel throughout. Each bit equipped with two cutters.

All parts of the bit highly polished except the square shank.

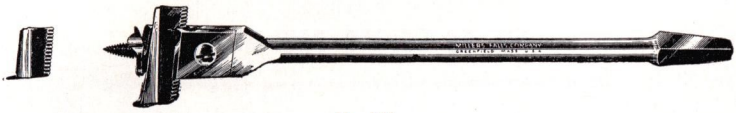
	Capacity	Weight	Code	Price each
No. 47	½ to 1 ½"	⅜ lb.	BARDO	
No. 48	⅞ to 3 "	½ lb.	BOLLO	

Packed one in a box

Extra Cutters

	Fitting	Capacity	Price doz.
No. 1	No. 47	½ to ⅞"	
No. 2	No. 47	⅞ to 1 ½"	
No. 3	No. 48	⅞ to 1 ¾"	
No. 4	No. 48	1 ¾ to 3 "	
No. 5	No. 48	3 to 4 "	
No. 6	No. 48	4 to 5 "	

SCREW ADJUSTING EXPANSIVE BITS



No. 151

A finely made and finished bit with a positive screw adjustment of the cutter which absolutely prevents shifting even in the toughest woods. The cross feed screw meshes with the cutter and also the plate. One complete turn of screw increases or decreases diameter of hole ⅛ inch.

The deep, clean cut screw, sharp spurs and cutting edges make it an extremely easy boring bit. Two cutters. All parts of the bit highly polished except the square shank.

	Capacity	Weight	Code	Price each
No. 151	⅝ to 1 ¾"	⅜ lb.	BONOR	
No. 152	⅞ to 3 "	½ lb.	BOMIT	

Packed one in a box

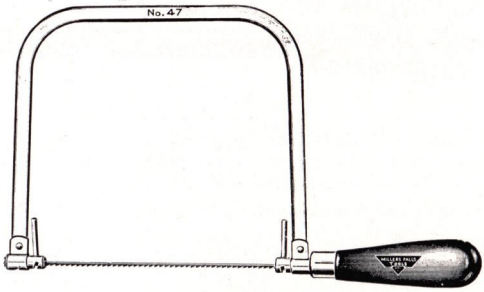
Extra Cutters

	Fitting	Capacity	Price doz.
No. 1	No. 151	⅝ to 1 ⅛"	
No. 2	No. 151	1 ⅛ to 1 ¾"	
No. 3	No. 152	⅞ to 1 ¾"	
No. 4	No. 152	1¾ to 3 "	
No. 5	No. 152	3 to 4 "	
No. 6	No. 152	4 to 5 "	

Be sure to specify number of bit cutters are to fit

MILLERS FALLS TOOLS
SINCE 1868

NOS. 43 AND 47 COPING SAW FRAMES



These fine frames are identical except for their depth of throat. The frame is made of 3/16 x 3/8 inch round edge spring steel. The studs are designed for holding 6 or 6½ inch coping saw blades of the loop, pin and other types. The pins set firmly in the studs permit the blade to be turned in any desired direction. Tension on the blade is controlled by turning the mahogany lacquered hardwood handle. One No. 65 blade furnished with each frame.

All exposed metal parts heavily nickel plated and buffed.

	Depth Throat	Weight	Code	Price each
No. 43	4 ¾"	6 ozs.	IRIAN	
No. 47	6 ½"	9 ozs.	IRITO	

No. 43 packed six in a box *No. 47 packed four in a box*

NO. 50 COPING SAW BLADES

These blades of the loop or turned end pattern are made of fine steel uniformly heat-treated to produce excellent results. The teeth are keen and properly set for fast, clean cutting.

	Size	Weight Gross	Code		Price gross
No. 50	6 x 1/16"	6 ozs.	IROUS	Wired	
No. 50	6 x 1/16"	6 ozs.	IROUX	In Envelopes	

Packed one dozen in an envelope or in bulk in wired bundles of one gross consisting of 12 bundles of one dozen each

NOS. 60 AND 65 COPING SAW BLADES

Pin pattern blades are heavier, cut faster and straighter and will outwear the finer tooth blades. Both fit the Nos. 43 and 47 Coping Saw Frames.

	Size	Weight Gross	Code	Price gross
No. 60	6 x 3/32"	9 ozs.	ISCHI	
No. 65	6 ½ x 3/32"	11 ozs.	ISIAC	

Packed one dozen in an envelope

NO. 106 CARVING TOOL SET

A set of six carefully selected tools to give as wide a range of operation and effects as possible in wood, linoleum, soap and similar materials.

The blades are forged from high quality steel, carefully heat-treated to hold a keen edge and nicely polished. The handles, protected with nickeled ferrules, are hardwood with a mahogany lacquer finish.

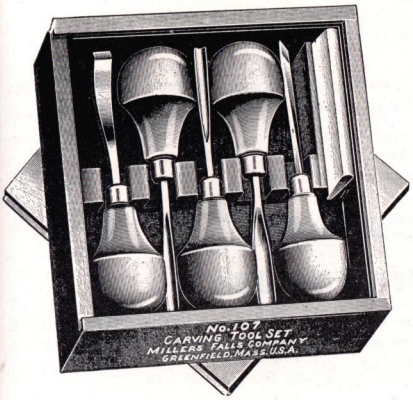
Set consists of one each of the following tools:

A	5/16"	Straight Chisel
B	5/16"	Bent Chisel
C	5/16"	Skew Bevel Chisel
D	5/16"	Bent Gouge
E	7/32"	U Tool
F	3/16"	Veining Tool

	Length	Weight	Code	Price set
No. 106	6 1/4"	1/2 lb.	YAYNA	

Packed one set in a box

NO. 107 CARVING TOOL SET



This inexpensive set has started thousands in the fascinating hobby of wood and linoleum block carving. It is particularly suited for the Boy Scouts and many other handicraft groups.

The blades are forged from high quality steel, carefully heat-treated and nicely finished. The hardwood handles, which fit snugly into the palm of the hand, are finished in clear lacquer. They are flatted on one side so they are in proper position when picked up from the bench.

The set consists of one each of the following:

B	5/16"	Bent Chisel
C	5/16"	Skew Bevel Chisel
D	5/16"	Bent Gouge
E	7/32"	U Tool
F	3/16"	Veining Tool
		Sharpening Stone

	Length	Weight	Code	Price set
No. 107	5"	3/4 lb.	YOYOL	

Packed in a lacquered lock corner wood box with slide cover

MILLERS FALLS TOOLS
SINCE 1868

GLASS CUTTERS AND WHEELS

There are several fine details that enter into the manufacture of Millers Falls Glass Cutters that are not generally appreciated. A very fine grade of alloy steel is used in making the wheels which, of course, are the vital part of the tool. The wheels must be machined with precision to provide just the exact bevel on the edge for maximum cutting efficiency, exactly the right diameter hole for the pin on which it is to rotate, and the exact width for the frame in which it is to run.

The heat treatment given the wheels is unique and extremely precise — being held within very close limits. The process is the result of fifty years of research and experience in the perfection of these small cutters.

After hardening and tempering, the wheels are twice honed in oil on exceedingly fine India wheels to the critical angle or bevel that gives the easiest cut, cleanest break and the longest life on the grade of glass they are intended to cut.

Every Millers Falls Glass Cutter is actually tested on glass by a skilled operator before final acceptance. They are strung on wire and sealed for positive identification as to type.

Type		Fitting Cutters Nos.	Price doz.
C	Red Seal	1 and 478	
D	Blue Seal	337 and 444	
F	Black Seal	218	

Packed one dozen or ten dozen in an envelope

NO. 444 GLASS CUTTER

The perfect finger-fitting form of the frame of this cutter has made it a tremendously popular tool. It drops into natural position between the first two fingers and can be used for hours without fatigue or discomfort.

It is equipped with a tested Type D wheel set in a well-polished frame with three standard widths of breaker notches. The handle is finished in bright blue enamel with a red tip.

	Length	Weight doz.	Code	Price doz.
No. 444	5 ¼"	1 ⅜ lbs.	YOMVE	

Packed one in a carton; one dozen cartons in a box

NO. 4412 FREE DISPLAY

The attractive counter display unit illustrated, holding twelve cutters, will be supplied entirely free with an initial order for two dozen No. 444 Cutters. Weight of display only ⅝ lb.

NO. 1 TURRET HEAD GLASS CUTTER

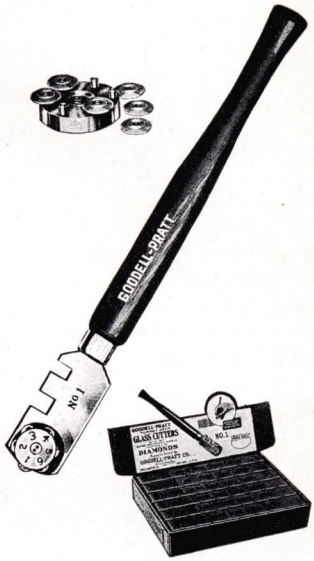
This is the original turret head glass cutter patented by Goodell-Pratt which has earned and maintained such a remarkable reputation for fine performance and low cost operation. Henceforth, this popular cutter will be branded Millers Falls.

The turret is turned from a solid bar of selected steel with the six wheel axles, integral parts of the turret. Infinite care is taken in the heat treatment so that the axles will outwear many wheels. The turret and turret screw are rust-proofed by the Udelyte process.

Six honed and tested Type C "Red Seal" wheels are mounted on the turret axles. Turret and wheels are locked to the highly polished and nickel-plated steel frame by means of a rust-proofed screw. Wheel No. 1 is used until worn out, then the screw is loosened and wheel No. 2 rotated into position and so on until all six have been used. Always insist on genuine Type C Wheels for replacements.

The handle is hardwood, comfortably shaped, nicely finished in mahogany lacquer and protected by a buffed nickel ferrule.

Every genuine No. 1 Turret Head Cutter has the Millers Falls name stamped on the frame and handle and is packed in a distinctive three-color carton.



	Length	Weight doz.	Code	Price doz.
No. 1	5 3/8"	7/8 lb.	WYBCE	

Packed one in a box; twelve boxes in a display carton illustrated above

NO. 337 GLASS CUTTER

A nicely balanced cutter with a comfortable handle on the end of which is a breaker ball that has sufficient weight to get excellent results.

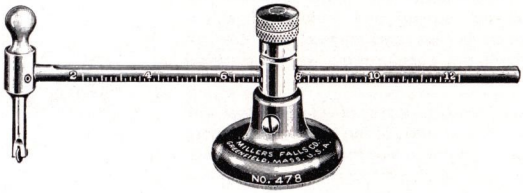
It is equipped with a high grade tested Type D wheel set in a well-polished frame. The three standard widths of breaker notches are provided. The handle is finished in black and the breaker ball in red.

	Length	Weight doz.	Code	Price doz.
No. 337	5"	1 1/2 lbs.	YIRUX	

Packed one in a carton; one dozen cartons in a box

MILLERS FALLS TOOLS
SINCE 1868

NO. 478 CIRCULAR GLASS CUTTER



Circles or arcs of circles from 2 to 12 inches in diameter are quickly and accurately cut with this tool.

It is equipped with a tested Type C wheel set in a head at the end of a graduated beam. Wheel can be replaced very easily. The beam pivots freely in the metal standard so that the complete circle can be cut in one continuous sweep. To free the circle without breakage, six or more tangents should be cut with a straight cutter.

	Capacity	Weight	Code	Price each
No. 478	2 to 12″	½ lb.	YOSAZ	

Packed one in a box

NO. 218 GAUGE GLASS CUTTER

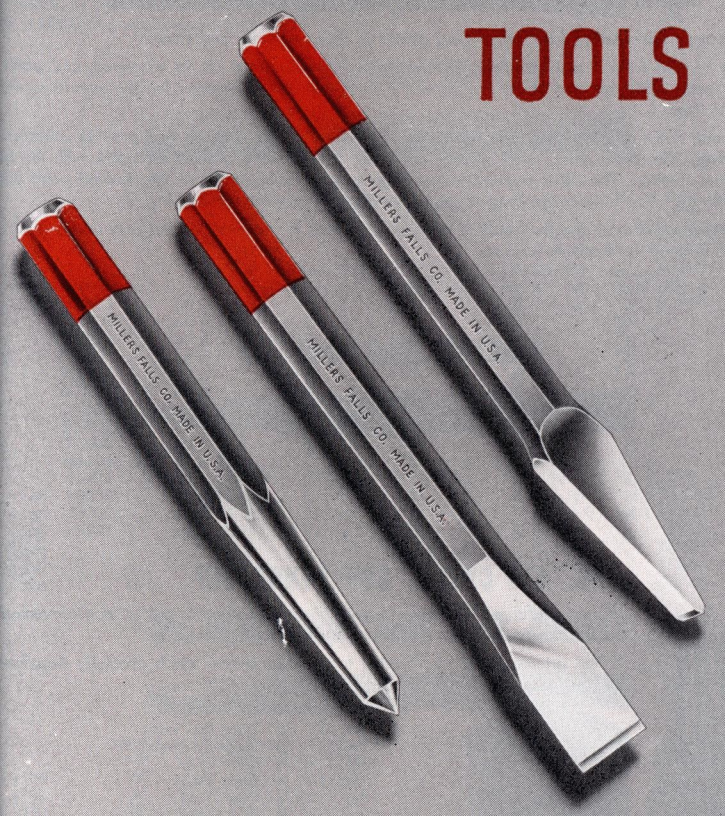
The most practical tool ever designed for cutting the gauge glass ordinarily used in steam and hot water boilers and liquid gauges.

Owing to the very hard glass used in these gauges this cutter is supplied with a tested special Type F "Black Seal" wheel which is set at the end of a graduated steel beam and cuts from the inside, giving a good clean break. The wheels are easily replaced. The length of glass cut off is determined be setting the sliding gauge on the graduated arm. The second steel beam merely counterbalances the cutting pressure on the outside wall of the tube. The steel beams are nicely polished and nickeled. Maximum cut six inches. Handles finished in red and black lacquer.

	Length	Weight	Code	Price each
No. 218	12½″	¾ lb.	YERRO	

Packed one in a box

FORGED TOOLS



MILLERS FALLS TOOLS

SINCE 1868

MILLERS FALLS TOOLS
SINCE 1868

NO. 1216 STAR DRILLS

These drills have remarkable free, fast cutting ability in concrete, brick and stone.

They are forged from a high grade of octagon alloy steel selected for its toughness and ability to hold an edge. The bit and head are carefully hardened and tempered for the severe service expected of them.

The bits and flutes are designed and proportioned to give ample strength and provide adequate chip clearance. The flutes taper back slightly and their outer face is ground concentric with the bit to insure free turning. The bit is pointed just enough to start holes easily at the desired point and keep it centered. The blades are long to permit resharpening without reforging.

The blades are polished and the head of the tool is finished in vermilion lacquer with polished face. The body is finished in aluminum lacquer.

	Diameter of cut	Diameter of stock	Length	Packed per box	Weight dozen	Code	Price doz
No. 1216	1/4"	3/16"	12"	12	2 1/8 lbs.	ZOKLA	
No. 1216	5/16"	1/4"	12"	12	2 1/4 lbs.	ZOKLY	
No. 1216	3/8"	5/16"	12"	12	3 1/8 lbs.	ZOKME	
No. 1216	7/16"	3/8"	12"	12	4 3/8 lbs.	ZOKMO	
No. 1216	1/2"	3/8"	12"	6	4 3/8 lbs.	ZOKOP	
No. 1216	9/16"	7/16"	12"	6	6 1/4 lbs.	ZOKOS	
No. 1216	5/8"	1/2"	12"	6	8 1/8 lbs.	ZOKPO	
No. 1216	3/4"	5/8"	12"	6	12 1/2 lbs.	ZOKYR	
No. 1216	7/8"	5/8"	12"	6	12 1/2 lbs.	ZOKYT	
No. 1216	1"	3/4"	12"	3	17 3/8 lbs.	ZOLAM	
No. 1216	1 1/8"	7/8"	12"	3	25 lbs.	ZOLAS	
No. 1216	1 1/4"	7/8"	12"	3	31 1/2 lbs.	ZOLEN	
No. 1216	1 3/8"	1"	12"	1	32 1/4 lbs.	ZOLET	
No. 1216	1 1/2"	1 1/8"	12"	1	36 3/4 lbs.	ZOLIP	

NO. 470 CHISEL AND PUNCH SET

A most useful set of twelve forged chisels and punches put up in a convenient turned hardwood box with a mahogany lacquer finish.

The set consists of the twelve tools listed below which are fully described on the following pages.

1 No. 573 3/32" Taper Pin Punch
1 No. 573 1/8" Taper Pin Punch
1 No. 1140 1/8" Cape Chisel
1 No. 1140 1/4" Cape Chisel
1 No. 1150 1/4" Cold Chisel
1 No. 1150 3/8" Cold Chisel
1 No. 1150 1/2" Cold Chisel
1 No. 1178 3/32" Diamond Point Chisel
1 No. 1190 1/8" Round Nose Cape Chisel
1 No. 1195 3/32" Solid Punch
1 No. 1199 3/8" Prick Punch
1 No. 1202 3/8" Center Punch

Each tool forged from octagon alloy steel, carefully hardened and tempered with well ground and polished points and heads.

	Weight	Code	Price set
No. 470	2 1/2 lbs.	YORAY	

Packed one set in a box

FORGED TOOLS

e chisels and punches shown on this and the following pages are hammer-forged from a high grade octagon alloy steel selected for its extreme toughness. The care exercised in heat-treating results a uniformly high grade chisel. The blades and heads are ground and nicely polished. The heads ve a distinctive vermilion lacquer finish.

NO. 1150 COLD CHISELS

	Width of blade	Diameter of stock	Length overall	Packed per box	Weight dozen	Code	Price doz.
. 1150	1/4"	1/4"	5"	12	7/8 lb.	ZUKER	
. 1150	3/8"	5/16"	5"	12	1 3/4 lbs.	YOOKE	
. 1150	1/2"	3/8"	5"	12	2 3/8 lbs.	YOOLV	
. 1150	5/8"	1/2"	6 1/2"	6	4 1/4 lbs.	YUZYR	
. 1150	3/4"	5/8"	7"	6	7 lbs.	ZABAM	
. 1150	1"	7/8"	8"	3	15 1/2 lbs.	ZEAHY	

NO. 1140 CAPE CHISELS

	Width of blade	Diameter of stock	Length overall	Packed per box	Weight dozen	Code	Price doz.
. 1140	1/8"	3/8"	5"	12	1 5/8 lbs.	YOORC	
. 1140	3/16"	3/8"	5"	12	1 3/4 lbs.	ZEENG	
. 1140	1/4"	3/8"	5"	12	1 7/8 lbs.	YOOPZ	
. 1140	5/16"	1/2"	6"	6	3 3/4 lbs.	ZEEPH	
. 1140	3/8"	5/8"	7"	6	6 1/2 lbs.	ZEERK	
. 1140	1/2"	3/4"	7 1/2"	6	10 1/4 lbs.	ZEEWP	

NO. 1190 ROUND NOSE CAPE CHISELS

	Width of point	Diameter of stock	Length overall	Packed per box	Weight dozen	Code	Price doz.
o. 1190	1/8"	3/8"	5"	12	1 5/8 lbs.	ZUMTE	
o. 1190	1/4"	1/2"	6"	6	3 5/8 lbs.	YOPAV	
o. 1190	3/8"	5/8"	7"	6	6 5/8 lbs.	ZUMUX	

NO. 1178 DIAMOND POINT CHISELS

	Width of point	Diameter of stock	Length overall	Packed per box	Weight dozen	Code	Price doz.
o. 1178	5/32"	3/8"	5"	12	1 3/4 lbs.	YOOVG	
o. 1178	1/4"	1/2"	6"	6	3 3/4 lbs.	ZULVO	
o. 1178	3/8"	5/8"	7"	6	7 lbs.	ZUMAS	

MILLERS FALLS TOOLS
SINCE 1868

NO. 1202 CENTER PUNCHES

	Point sizes	Diameter of stock	Length overall	Packed per box	Weight dozen	Code	Price do
No. 1202	.185	3/8"	5"	12	1 3/4 lbs.	YOPUB	
No. 1202	.250	1/2"	5 1/2"	6	3 1/4 lbs.	ZUNOY	

NO. 1199 PRICK PUNCH

	Diameter of stock	Length overall	Packed per box	Weight dozen	Code	Price do
No. 1199	3/8"	5"	12	1 5/8 lbs.	YOPOZ	

NO. 1195 SOLID OR TINNERS' PUNCH

	Diameter of point	Diameter of stock	Length overall	Packed per box	Weight dozen	Code	Price do
No. 1195	5/32"	3/8"	5"	12	1 3/4 lbs.	YOPCY	

NO. 1208 ALIGNING OR DRIFT PUNCHES

Indispensable tools for construction work, in automotive shops, farms, or any job where holes must b brought into close alignment for riveting or bolting.

The long, evenly tapered points on these fine tools are very highly polished to a mirror finish s that they drive easily and loosen up readily. They will not bend or break.

	Diameter of point	Diameter of stock	Length overall	Packed per box	Weight dozen	Code	Price do
No. 1208	3/16"	1/2"	10"	3	5 1/8 lbs.	ZUNUZ	
No. 1208	1/4"	5/8"	12"	3	9 7/8 lbs.	ZUNVE	

MILLERS FALLS TOOLS
SINCE 1868

NO. 573 TAPER PIN PUNCHES

rged from a high grade of octagon alloy steel, 3/8 inch in diameter, except the two smallest sizes hich are 1/4 inch. They are carefully heat-treated and the points and heads well ground and polished. ey have the same distinctive vermilion lacquered head that is used on the rest of the punch and isel line.

	Size	Diameter of stock	Length	Weight dozen	Code	Price doz.
o. 573	3/32"	1/4"	5"	3/4 lb.	YUMEZ	
o. 573	1/8"	1/4"	5"	3/4 lb.	YOHYT	
o. 573	5/32"	3/8"	6"	1 3/4 lbs.	YUMIB	
o. 573	3/16"	3/8"	6"	1 3/4 lbs.	YOILT	
o. 573	7/32"	3/8"	6"	1 3/4 lbs.	YUMOC	
o. 573	1/4"	3/8"	6"	1 7/8 lbs.	YOIPY	
o. 573	5/16"	3/8"	6"	2 1/8 lbs.	YOIRB	
o. 573	3/8"	3/8"	6"	2 3/8 lbs.	YOJAP	

Packed one dozen in a box

		Weight	Code	Price set
o. 472	**Set of 5:** (1/8, 3/16, 1/4, 5/16 and 3/8")	7/8 lb.	YOREZ	

Packed one set in a box

NO. 572 PIN PUNCH SET

useful and convenient set made up of the eight sizes of punches own above, as follows: one each 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16 and 3/8".

The container is a round hardwood block and cover nicely turned nd finished, providing a convenient holder.

	Weight	Code	Price set
o. 572	2 lbs.	YUMCO	

Packed one set in a box

NO. 433 CHISEL AND PUNCH SET

A set of four quality tools selected by and made up for several nationally known aviation training schools.

The four tools consist of:

1 No. 573 3/32" Pin Punch
1 No. 573 1/8" Pin Punch
1 No. 573 5/32" Pin Punch
1 No. 1150 3/8" Cold Chisel

These are all hammer-forged from high grade octagon alloy steel with polished points and heads. The case is made of a serviceable fabric with artificial leather covering.

	Weight	Code	Price set
No. 433	8 oz.	YORAB	

Packed one set in a box

MILLERS FALLS TOOLS
SINCE 1868

NO. 681 MACHINISTS' PIN PUNCHES

These punches are made from a very high grade of round tool steel about four inches long. centers are knurled and the points, shanks and heads nicely polished. Every punch is very caref hardened and tempered. Blued finish.

	Points	Stock	Weight doz.	Code	Price
No. 681	1/16"	5/16"	3/4 lb.	ZALIZ	
No. 681	3/32"	5/16"	3/4 lb.	ZALOB	
No. 681	1/8"	5/16"	7/8 lb.	ZALUC	
No. 681	5/32"	5/16"	7/8 lb.	ZALWA	
No. 681	3/16"	5/16"	7/8 lb.	ZALYE	
No. 681	7/32"	5/16"	7/8 lb.	ZAMAY	
No. 681	1/4"	3/8"	1 1/4 lbs.	ZAMCO	
No. 681	5/16"	3/8"	1 1/4 lbs.	ZAMEZ	

Packed one dozen in a box

NO. 997 HOLLOW PUNCHES

These punches are made from a very high grade of round tool steel about four inches long. centers are knurled to insure a firm grip. They are very carefully hardened and tempered entire length. The cutting edges are sharpened.

Made in fifteen sizes as follows:

DISCONTINUED

	Size	Hole	Size body	Weight doz.	Code	Price
No. 997	1	5/64"	3/8"	1 1/8 lbs.	ZINKA	
No. 997	2	3/32"	3/8"	1 1/8 lbs.	ZINLE	
No. 997	3	7/64"	3/8"	1 1/8 lbs.	ZINNO	
No. 997	4	1/8"	3/8"	1 1/8 lbs.	ZINON	
No. 997	5	9/64"	3/8"	1 1/8 lbs.	ZINUP	
No. 997	6	5/32"	3/8"	1 1/8 lbs.	ZIOXY	
No. 997	7	3/16"	3/8"	1 1/8 lbs.	ZIPAL	
No. 997	8	7/32"	7/16"	1 1/2 lbs.	ZIPEM	
No. 997	9	1/4"	7/16"	1 1/2 lbs.	ZIPLA	
No. 997	10	9/32"	7/16"	1 1/2 lbs.	ZIPME	
No. 997	11	5/16"	1/2"	1 3/4 lbs.	ZIPOP	
No. 997	12	11/32"	1/2"	1 3/4 lbs.	ZIPPO	
No. 997	13	3/8"	9/16"	1 3/4 lbs.	ZIPPR	
No. 997	14	13/32"	9/16"	2 lbs.	ZIPRA	
No. 997	15	7/16"	9/16"	2 1/8 lbs.	ZIPRI	

Packed one dozen in a box

NO. 460 CENTER PUNCH

Large square head provides large striking surface and prevents rolling. Hardened, tempered and carefully ground points and heads. Bodies nicely knurled, balance of tool nicely polished.

	Point sizes	Body	Length	Weight doz.	Code	Price doz.
No. 460	5/32"	5/16"	4"	17 ozs.	MALTA	

Packed one dozen in a box

NOS. 141 AND 146 CENTER PUNCHES

Carefully ground, hardened and tempered points. Nicely knurled bodies. Shanks and heads polished.

	Point sizes	Body	Length	Weight doz.	Code	Price doz.
No. 141	.175	5/16"	4"	7/8 lb.	MALMA	
No. 141	.225	3/8"	4"	1 1/4 lbs.	MANCH	
No. 141	5/16"	1/2"	4"	2 1/4 lbs.	MANKS	
No. 146	5/16"	1/2"	5"	2 3/4 lbs.	MANSE	

Packed one dozen in a box

NO. 465 PRICK PUNCH

Large square head provides large striking surface and prevents rolling. Carefully formed point and head are hardened and tempered. Nicely knurled body.

	Body	Length	Weight doz.	Code	Price doz.
No. 465	5/16"	4"	17 ozs.	MARES	

Packed one dozen in a box

NO. 167 PRICK PUNCHES

Carefully formed points and heads are hardened and tempered. Bodies nicely knurled, balance of tool polished.

	Body	Length	Weight doz.	Code	Price doz.
No. 167	5/16"	4"	3/4 lb.	MARRY	
No. 167	3/8"	4"	1 1/4 lbs.	MARSH	

Packed one dozen in a box

MILLERS FALLS TOOLS
SINCE 1868

NO. 800 SERIES OF NAIL SETS

This is the toughest, most serviceable nail set ever offered. It is made of fine quality molybdenum alloy steel, hardened and tempered to stand up under a lot of hard usage. The carefully cupped points are formed to give a good bite and equalize the stresses and strains so as to eliminate breakage. The deep knurling on the body gives a sure and comfortable grip. The square heads provide a large striking surface and at the same time prevent rolling. Points and heads are nicely polished.

	Diameter Point	Body	Length	Weight doz.	Code	Price do
No. 801	1/32"	5/16"	4"	1 lb.	MOBAN	
No. 802	2/32"	5/16"	4"	1 lb.	MOBBO	
No. 803	3/32"	5/16"	4"	1 lb.	MOBEX	
No. 804	4/32"	5/16"	4"	1 lb.	MOBGA	
No. 805	5/32"	5/16"	4"	1 lb.	MOBHI	
No. 815	Assorted Dozen			1 lb.	MOBIL	

Assortment consists of two each 1/32 inch and 4/32 inch and four each 3/32 inch and 5/32 inch
Packed one dozen in a box

NO. 825 NAIL SET DISPLAY

This attractive display stand holding the No. 800 Series Nail Sets has demonstrated its ability to multiply the volume of Nail Set sales many times. It is made of wood, nicely finished and silk screened in red, yellow and black.

Free with initial order for three dozen No. 815 Assorted Nail Sets.

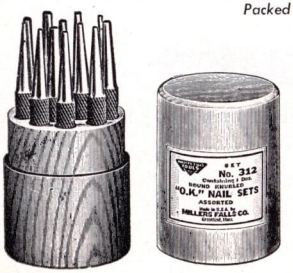
		Weight	Code	Price
No. 825	Display with three dozen Nail Sets	4 lbs.	MOBIX	

NO. 310 NAIL SETS

A good sturdy set of conventional design. Regularly supplied with blued finish unless bright finish is specified. Points and heads hardened and tempered.

	Diameter point	Body	Length	Weight doz.	Code	Price do
No. 310	1/32"	5/16"	4"	7/8 lb.	MAGIC	
No. 310	2/32"	5/16"	4"	7/8 lb.	MAGNA	
No. 310	3/32"	5/16"	4"	7/8 lb.	MAGOT	
No. 310	4/32"	5/16"	4"	7/8 lb.	MAGUS	
No. 310	5/32"	5/16"	4"	7/8 lb.	MAHOL	
No. 310	Assorted			7/8 lb.	MAHUT	

Assortment consists of two each 1/32 inch and 4/32 inch and four each 3/32 inch and 5/32 inch
Packed one dozen of a size or assorted in a box



NO. 312 SET OF NAIL SETS

This set consists of one dozen assorted sizes of No. 310 Nail Sets put up in a turned hardwood box, as illustrated, finished in clear lacquer.

	Weight	Code	Price s
No. 312 Set	1 1/4 lbs.	MAINE	

Packed one set in a box

NO. 381 BEARING SCRAPERS

hese bearing scrapers are the best made. The slightly curved, tapering and recessed blade is esigned to do nice scraping without chattering.

The blades are forged from a very high grade of tool steel correctly hardened and so carefully empered that they will scratch glass and hold their keen razor-like edge over a long period. After eing dulled by long usage they can be easily sharpened by a few strokes on an oilstone.

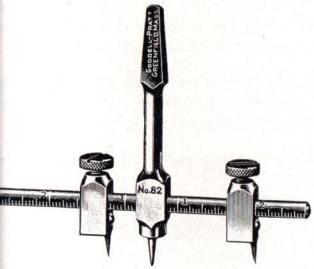
Cutting edges well ground. Blades and shanks have a pleasing jetalize finish. Ferrules nickel lated. Hardwood handle finished in mahogany lacquer.

	Cutting edge	Length overall	Weight box	Code	Price each
lo. 381	1 ½″	8″	¾ lb.	YUNDO	
lo. 381	2 ½″	10″	1 ⅞ lbs.	YOCYP	
lo. 381	3 ½″	11″	2 ¼ lbs.	YODAK	
lo. 381	4 ½″	12″	3 lbs.	YODEL	

Packed six in a box

	One each	Weight	Code	Price set
lo. 740 Set	1½, 2½ and 3½″ cutting edges	⅞ lb.	ZAVIT	
lo. 471 Set	2½, 3½ and 4½″ cutting edges	1 ¼ lbs.	YORCO	

Packed one set in a box



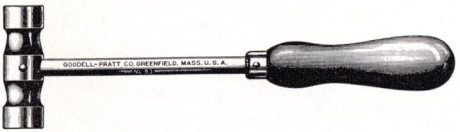
NO. 82 GASKET CUTTER

An improved cutter with hardened and tempered tool steel cutters and point, both of which are easily replaceable. Cutters reversible to obtain maximum and minimum capacities. Heavy graduated steel beam flattened on top to give a good bearing for the knurled set screws. Hardened square bit brace shank. Made of steel throughout, well polished.

	Capacity	Weight	Code	Price each
No. 82	⅝ to 6″	9 oz.	YADVT	

Packed one in a box

NOS. 92 AND 93 BRASS HAMMERS



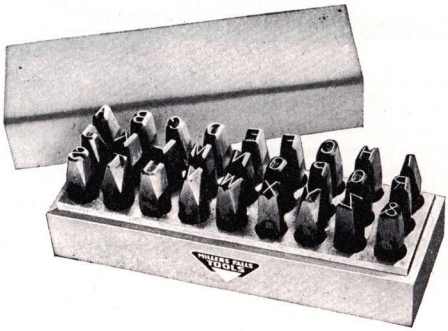
These brass hammers will be found convenient and practical for use on finished work, or on any work where a soft hammer is desired. The brass heads and steel shanks are both nicely polished, and have hardwood handles with a mahogany lacquer finish.

	Head	Length	Weight	Code	Price each
No. 92	9/16 x 1 ¾″	7 ¼″	5 oz.	YAUXT	
No. 93	¾ x 2 ¼″	8″	7 oz.	YAVEN	

Packed one in a box

MILLERS FALLS TOOLS SINCE 1868

STEEL LETTERS AND FIGURES



These Steel Letters and Figures are made in two grades as specified below.

HAND CUT. The finest quality of stamp procurable. Every character guaranteed hand cut fron the finest grade of tool steel. Recommended for use on all hard surfaces.

The faces are accurately formed, sharply cut and deeply relieved, insuring clear, legible impres sions. Faces and well-formed heads are hardened and tempered with the utmost care to make thes stamps the best and most economical for general industrial use on both hard and soft surfaces.

MACHINE MADE. The characters in these sets are formed on blanks of a good quality of tool stee by a specially developed machine process using superior master dies producing sharper, cleane faces than usual. Ample relief is provided to produce clear, long-lived impressions.

Carefully hardened and tempered faces. A fine, durable stamp for general all around use o unhardened surfaces.

HAND CUT
GOTHIC FACE

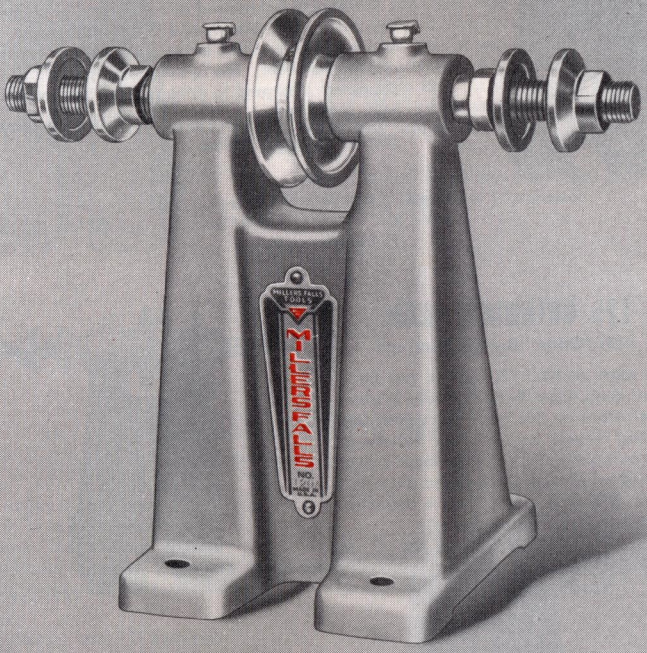
Height character	No. 1300 Letters per set	No. 1350 Figures per set	Single characters	Size stock
1/32"				1/4 x 2 5/8"
1/16"				1/4 x 2 5/8"
3/32"				5/16 x 2 3/4"
1/8"				5/16 x 2 3/4"
5/32"				3/8 x 2 7/8"
3/16"				3/8 x 2 7/8"
1/4"				7/16 x 3"
5/16"				1/2 x 3"
3/8"				9/16 x 3 1/4"
1/2"				5/8 x 3 1/4"

MACHINE MADE
GOTHIC FACE

Height character	No. 1500 Letters per set	No. 1550 Figures per set	Single characters	Size stock
1/32"				7/32 x 2 3/8
1/16"				7/32 x 2 3/8
3/32"				7/32 x 2 3/8
1/8"				1/4 x 2 1/2
5/32"				5/16 x 2 1/2
3/16"				5/16 x 2 1/2
1/4"				3/8 x 2 5/8
5/16"				7/16 x 2 3/4
3/8"				1/2 x 2 3/4
1/2"				5/8 x 3"

Sets of letters, sizes 1/32 through 1/4 inch consist of 28 characters, including & and a period.
Sets of letters, sizes 5/16 through 1/2 inch consist of 27 characters, the period being omitted.
Sets of figures consist of nine characters from 0 to 8, the 6 being used for the 9.
Each set packed in a well made, nicely finished wooden box.

GRINDERS



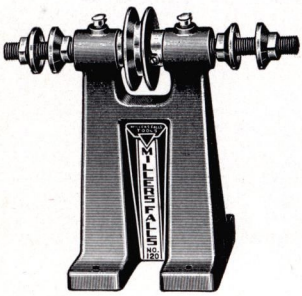
MILLERS FALLS TOOLS

SINCE 1868

MILLERS FALLS TOOLS
SINCE 1868

NO. 120 GRINDING HEAD

Fitted with "Oilite" Bronze Bearings



A stocky machine with a solid frame and ample base to withstand years of service. The spindle is ½ inch in diameter and runs in two "Oilite" bronze bearings 1¼ inches long. Bearings are lubricated through good sized spring top oilers.

The spindle is threaded at both ends, ½ inch by 20 thread and carries two sets of steel flanges 1⅜ inches in diameter to carry wheels up to 4 inches in diameter with a ¾ inch face and ½ inch hole. The V-belt steel pulley is 2¼ inches in diameter. Designed to drive from above, behind or below.

Frame nicely finished in glossy battleship gray. Flanges and pulley nickel plated.

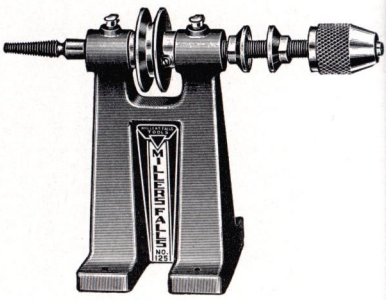
	Height	Base	Weight	Code	Price each
No. 120	6″	4⅛ x 4⅛″	5¼ lbs.	YEBAT	

Packed one in a box

NO. 125 GRINDING HEAD

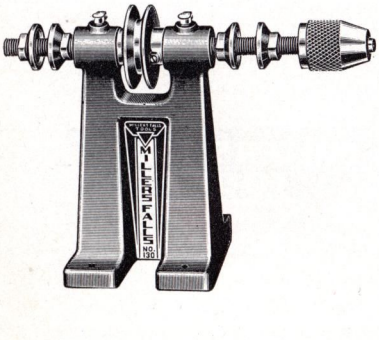
Fitted with "Oilite" Bronze Bearings

Exactly the same as No. 120 above, but fitted with a clean, deep taper thread spindle in place of the wheel arbor on the left. This permits the use of buffing wheels and a great variety of wheels built on wood centers. On the right is a set of flanges and an all-steel three-jawed chuck that holds rods or drills from 0 to ⅜ inch in diameter. Height given is to center of spindle.



	Height	Base	Weight	Code	Price each
No. 125	6″	4⅛ x 4⅛″	5¾ lbs.	YEBVO	

Packed one in a box



NO. 130 GRINDING HEAD

Fitted with "Oilite" Bronze Bearings

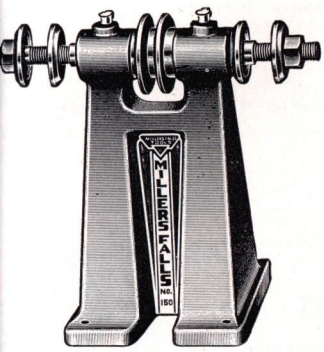
Exactly the same as No. 120 above, but with a longer spindle on the right side. This is threaded ½ inch by 20 thread and on it is mounted an all-steel chuck with three hardened jaws that hold 0 to ⅜ inch round shank drills or rods. Flanges, chuck and pulley nickel plated.

	Height	Base	Weight	Code	Price each
No. 130	6″	4⅛ x 4⅛″	5½ lbs.	YECDY	

Packed one in a box

NO. 150 GRINDING HEAD

Fitted with "Oilite" Bronze Bearings



A heavier head with bigger base, greater height and ¾ inch spindle running in two "Oilite" bronze bearings 1½ inches long. The outboard portions of the spindle are turned down to ½ inch with 20 threads per inch. The bearings are oiled from two large spring top oil cups on the frame casting directly above the bearings. Arbor on either end of spindle with 1¾ inch flanges for holding wheels up to 6 inches or larger in diameter with 1 inch face and ½ inch hole. Flange nuts are hardened. The V-belt steel pulley is 2¼ inches in diameter and can be driven from above, behind or below.

Frame finished in glossy battleship gray enamel. Flanges and pulley nickel plated.

	Height	Base	Weight	Code	Price each
o. 150	7½"	5 x 5"	11 lbs.	YEEVO	

Packed one in a box

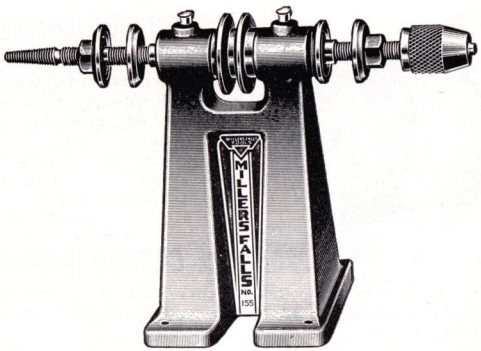
NO. 155 GRINDING HEAD

Fitted with "Oilite" Bronze Bearings

ilt on the same frame as No. 150. e spindle is ¾ inch in diameter and rries a deep, clean taper thread nd a pair of wheel flanges on one end nd a pair of flanges and chuck on the ther.

The wheel flanges are 1¾ inches in iameter and hold wheels up to 6 inches r larger in diameter with 1 inch face nd ½ inch hole. Hardened steel flange uts. The chuck has three hardened eel jaws and holds 0 to ⅜ inch drills r rods. V-belt steel pulley is 2¼ inches diameter and drives from above, ehind or below.

Frame finished in glossy battleship ray enamel. Flanges, pulley and huck nickel plated.



	Height	Base	Weight	Code	Price each
o. 155	7½"	5 x 5"	11¼ lbs.	YEFEE	

Packed one in a box

MILLERS FALLS TOOLS
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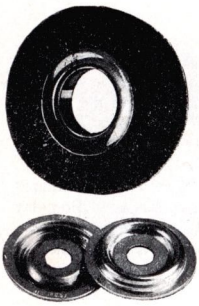
WIRE WHEEL BRUSHES



These wire wheel brushes are rigid and compactly made and have more wires per square inch of brush surface than the average wheel. Wires are tightly compressed and give greater wearing strength to brush. They have interchangeable bushings which slip into the 2 inch standard size opening.

Arbor bushings can be furnished with ½ inch, ⅝ inch, ¾ inch or 1 inch arbor hole.

It is important that the wanted diameter of the arbor hole be specified.

	Size	Weight	Code	Price each
No. 24	4 x ½"	1 lb.	DOBME	
No. 26	6 x ⅝"	1 ¾ lbs.	DOBNA	
No. 28	8 x 1 ½"	2 ¾ lbs.	DOBPO	
No. 210	10 x 2"	5 ¼ lbs.	DOBRI	
No. 212	12 x 2½"	6 ⅞ lbs.	DOBSU	

Extra arbor bushings, per pair

Packed one wheel in a box

DISCONTINUED

GRINDING WHEELS

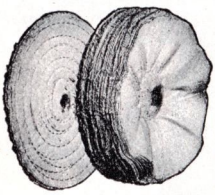
These are the best quality wheels made in the most commonly used grains and grades. Especially adapted for use on electric drills and grinders, grinding heads, etc.

	Size	Arbor Hole	Grain and Grade	Weight	Code	Price each
No. 1519	4 x ½"	½"	60 — M	¾ lb.	DODAK	
No. 636	6 x ½"	⅝"	36 — O	1 ½ lbs.	DODFA	
No. 660	6 x ½"	½"	60 — M	1 ⅜ lbs.	DODGU	
No. 1036	10 x 1"	¾"	36 — O	7 ⅜ lbs.	DODIL	
No. 1060	10 x 1"	¾"	60 — M	7 ⅜ lbs.	DODOM	
No. 2036	10 x 1 ¼"	¾"	36 — O	8 ¼ lbs.	DODUX	
No. 2060	10 x 1 ¼"	¾"	60 — M	8 ½ lbs.	DODET	

Packed one wheel in a box

DISCONTINUED

BUFFING WHEELS



These buffing wheels will meet the need for light, portable buffers for polishing a number of different objects that have formerly necessitated hand work. The size of the wheel is 6 inches with a ½ inch hole to fit an arbor. Two sections of 20-ply are required to make the wheel ½ inch thick.

	Weight	Code		Price
No. 1521	¼ lb.	DOGAT	2-20 ply sections	
No. 1721 Stitched	¼ lb.	DOGON	2-20 ply sections	

Packed 2-20 ply sections in an envelope

NO. 1522 CARBON REMOVING BRUSH

Very useful in removing carbon from cylinder heads, tops of pistons, valve ports, etc. Leaves fine burnished surface upon which it is hard for carbon to collect.

Diameter of brush, 1¼ inches. Length of wire, 1⅛ inches. Spindle, ¼ inch diameter. Can be used in any ¼ inch electric drill.

	Weight	Code	Price each
No. 1522	¼ lb.	DOGUR	

Packed one in a box

MILLERS FALLS TOOLS SINCE 1868

WORKSHOP ACCESSORIES

e broad assortment of accessories illustrated and described on the next three pages multiplies ıny times the utility and pleasure to be derived from a variety of power workshop tools.

Some are for use in the live or tailstock spindles of lathes, some on the taper arbors of drill presses d others on the shafts of motors or any driven shaft ½ or ⅝ inch in diameter, either plain round threaded ½ inch 20 thread. No. 986 can be used in the chuck of ¼ inch drills for driving grinding ieels, wire or fibre brushes and buffing wheels. In the same way No. 992 can be used in an electric ill for polishing and sanding.

Taper shanks and sockets precision ground as are point centers. Parts hardened and tempered ierever it is essential.

SPUR CENTERS

arp spurs and hardened points insure positive ive for hard or soft wood and other non-etallic materials. Points are replaceable. ardened, precision ground Morse Taper Shanks.

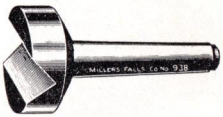
	Shank	Diam. Head	Weight	Price each
o. 920	No. 0 M.T.	½"	1 ½ ozs.	
o. 922	No. 1 M.T.	⅞"	2 ½ ozs.	
o. 924	No. 2 M.T.	1"	5 ½ ozs.	

SPUR CENTERS

arp, hardened points are replaceable. Four urs insure positive drive in hard and soft ood and non-metallic materials. Shanks accu-tely bored to fit ½ inch or ⅝ inch round bors. Two set screws.

	Fits Arbor	Diam. Head	Weight	Price each
o. 917	½"	¾"	5 ozs.	
o. 918	⅝"	¾"	5 ozs.	

CROTCH CENTER



or centering round and square stock for drilling. ccurately milled 90° crotch. Precision ground orse Taper Shank.

	Shank	Diam. Head	Weight	Price each
o. 938	No. 2 M.T.	2"	17 ozs.	

CUP CENTERS

Deep machined cups with sharp rims. The keen, hardened points are replaceable. Precision ground Morse Taper Shanks.

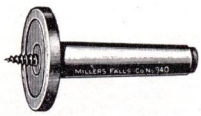
	Shank	Diam. Head	Weight	Price each
No. 910	No. 0 M.T.	½"	1 ½ ozs.	
No. 912	No. 1 M.T.	⅝"	2 ½ ozs.	
No. 914	No. 2 M.T.	¾"	5 ½ ozs.	

CUP CENTERS

Sharp, hardened points are replaceable. Diameter of cups ⅝ inch. Shanks accurately bored to fit ½ inch and ⅝ inch round arbors.

	Fits Arbor	Diam. Head	Weight	Price each
No. 915	½"	⅝"	5 ozs.	
No. 916	⅝"	⅝"	5 ozs.	

SCREW FACE PLATES



For holding small blocks of non-metallic materials. Hardened screws. Plate 1¾ inches and 2 inches in diameter. Precision ground Morse Taper Shanks.

	Shank	Diam. Plate	Weight	Price each
No. 940	No. 1 M.T.	1¾"	5 ozs.	
No. 942	No. 2 M.T.	2"	11 ozs.	

MILLERS FALLS TOOLS
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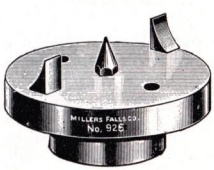
WORKSHOP ACCESSORIES

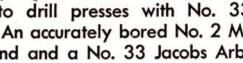
FACE PLATE



Heavy ½ inch plate, 3 inches in diameter bored so spurs can be set at two diameters, 1 13/16 inches or 2 7/16 inches. Center threaded for either the hardened point or screw center regularly supplied. Two hardened spurs also regular equipment. Back threaded to fit ¾ inch-16T Arbor.

	Fits Arbor	Diam. Plate	Weight	Price each
No. 926	¾"-16T	3"	21 ozs.	

TAPER ADAPTER



For adapting tools with No. 2 Morse Taper Shanks to drill presses with No. 33 Jacobs Arbors. An accurately bored No. 2 M.T. socket in one end and a No. 33 Jacobs Arbor in the other. Fine ground finish.

	Adapts	Weight	Price each
No. 982	No. 2 M. T. to No. 33J	8 ozs.	

SHAPER CUTTER ADAPTER

For using shaper cutters with holes 5/16 inch in diameter with 18 threads. Hardened left-hand lock screw. Shank accurately bored to fit a No. 33 Jacobs Arbor. Drift pin included.

	For Cutters	Fits Arbor	Weight	Price each
No. 980	5/16"-18T	No. 33 Jacobs	5½ ozs.	

SHAPER CUTTER ADAPTER

For shaper cutters with ½ inch holes. Maximum thickness of cutter 1¼ inches. Shank accurately bored to fit a No. 33 Jacobs Taper Arbor. Drift pin included.

	For Cutters	Fits Arbor	Weight	Price each
No. 978	½" Hole	No. 33 Jacobs	5½ ozs.	

DRILL PAD

Face of pad accurately ground at right angle to the shank. Pad diameter 3 3/16 inches. Precision ground Morse Taper Shank.

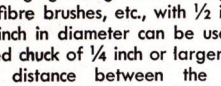
	Shank	Diam. Pad	Weight	Price ea
No. 960	No. 2 M.T.	3 3/16"	21 ozs.	

MORSE TAPER ADAPTER SLEEVE

A precision ground No. 2 Morse Taper Shan with a No. 1 Morse Taper Socket accurately bored in it. Makes it possible to use No. Shanks in No. 2 Socket.

	Adapts	Weight	Price ea
No. 944	No. 1 to No. 2 M.T.	3½ ozs.	

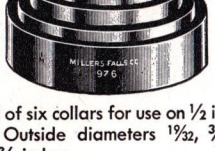
WHEEL ARBOR



For operating grinding and buffing wheel wire and fibre brushes, etc., with ½ inch hole Shank ¼ inch in diameter can be used in an three-jawed chuck of ¼ inch or larger capacity Maximum distance between the 1⅜ inc flanges is 1 inch. Arbor threaded ½ inch-20

	Shank	Weight	Price ea
No. 986	¼"	5 ozs.	

SHAPER COLLARS



Set consists of six collars for use on ½ inch shap spindles. Outside diameters 19/32, ¾, 1, 1½ 1½ and 1¾ inches.

	Fits Spindle	Weight	Price
No. 976	½"	4½ ozs.	

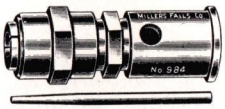
WORKSHOP ACCESSORIES

60° POINT CENTERS

lardened, precision ground 60° centers with recision ground Morse Taper Shanks for use n tailstocks.

	Shank	Weight	Price each
lo. 928	No. 0 M.T.	1 ½ ozs.	
lo. 930	No. 1 M.T.	2 ozs.	
lo. 932	No. 2 M.T.	5 ozs.	

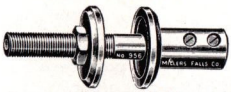
COLLET CHUCK



Chuck has ½ inch capacity and is regularly upplied with one ¼ inch collet. Shank is ccurately bored to fit a No. 33 Jacobs Taper Arbor. Drift pin for removal from arbor included.

	Capacity	Fits Arbor	Weight	Price each
lo. 984	½"	No. 33 Jacobs	5 ozs.	

WORK ARBORS



or operating grinding, polishing, wire brush, uffing wheels, sanding drums, etc., with ½ inch oles. Maximum capacity between the 2 inch iameter flanges is 2¼ inches. Spindle is ½ inch n diameter with 20 threads per inch. Shanks ccurately bored to fit round arbors. Two set crews.

	Fits Arbor	Weight	Price each
lo. 956	½"	11 ozs.	
lo. 958	⅝"	12 ozs.	

CHUCKS WITH ROUND SOCKETS

mooth operating ½ inch capacity chuck with hree hardened, spring activated jaws for olding round shanks, drills and rods. Chuck acks threaded ½ inch-20T. Sockets accurately ored for round shanks.

	Chuck Capacity	Fits Arbor	Weight	Price each
lo. 970	0 to ½"	½"	16 ozs.	
lo. 972	0 to ½"	⅝"	17 ozs.	

60° BALL BEARING POINT CENTERS

Ball bearing 60° centers, hardened and precision ground concentric with the precision ground Morse Taper Shanks.

	Shank	Weight	Price each
No. 934	No. 1 M.T.	7 ozs.	
No. 936	No. 2 M.T.	10 ozs.	

COLLET CHUCKS

Made in two sizes, ¼ inch and ½ inch respectively. Back threaded to fit an arbor ½ inch in diameter with 20 threads.

	Capacity	Fits Arbor	Weight	Price each
No. 974	¼"	½"-20T	3 ½ ozs.	
No. 990	½"	½"-20T	12 ozs.	

DRILL CHUCKS

Finely knurled shells with three hardened, spring actuated jaws for holding all drills or rods within their capacity. Back threaded to fit on ½ inch-20 thread spindles. No. 968 is chrome plated and has a spanner wrench.

	Capacity	Fits Arbor	Weight	Price each
No. 988	0 to ¼"	½"-20T	5 ozs.	
No. 966	0 to ½"	½"-20T	11 ozs.	
No. 968	0 to ½"	½"-20T	12 ozs.	

CHUCKS WITH MORSE TAPER SHANKS

A smooth-acting chuck with three hardened, spring activated jaws for holding round shanks, drills and rods from 0 to ½ inch in diameter. Precision ground Morse Taper Shanks.

	Chuck Capacity	Shanks	Weight	Price each
No. 962	0 to ½"	No. 1 M.T.	15 ozs.	
No. 964	0 to ½"	No. 2 M.T.	18 ozs.	

MILLERS FALLS TOOLS
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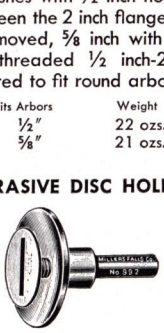
WORKSHOP ACCESSORIES

WORK ARBORS WITH CHUCKS

A useful combination of a ½ inch capacity three-jawed chuck and an arbor for grinding wheels, buffs and brushes with ½ inch hole. Maximum distance between the 2 inch flanges is 2¼ inches with chuck removed, ⅝ inch with chuck closed. Chuck back threaded ½ inch-20T. Shanks accurately bored to fit round arbors.

	Fits Arbors	Weight	Price each
No. 946	½″	22 ozs.	
No. 948	⅝″	21 ozs.	

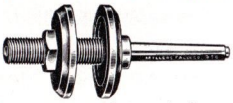
ABRASIVE DISC HOLDER



For driving paper and cloth abrasive discs for grinding, polishing and sanding. Anchor screw holds discs securely without protruding beyond the face of the disc. Has ¼ inch round shank for use in three-jawed chucks.

	Cap. Disc	Shank	Weight	Price each
No. 992	4 to 6″	¼″ Rd.	2 ozs.	

WORK ARBORS FOR MORSE TAPER SOCKETS



Work arbors accommodate grinding and buffi wheels, wire brushes, etc., with ½ inch hol Maximum capacity between the 2 inch dic eter flanges is 1¼ inches. Arbor thread ½ inch-20T. Precision ground Morse Tap Shanks.

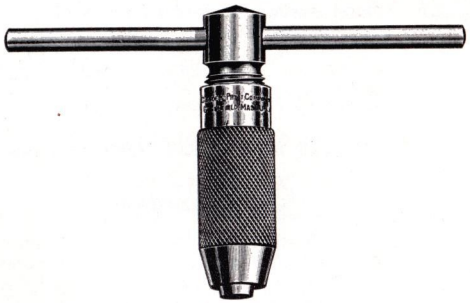
	Shank	Weight	Price
No. 950	No. 0 M.T.	8 ozs.	
No. 952	No. 1 M.T.	9½ ozs.	
No. 954	No. 2 M.T.	12 ozs.	

ABRASIVE DISC HOLDER

Anchor screw holds 6 to 8 inch abrasive d securely for grinding, polishing and sand operations. Shank accurately bored to fi ½ inch-20T threaded arbor.

	Cap. Disc	Fits Arbor	Weight	Price
No. 994	6 to 8″	½″-20T	5 ozs.	

NOS. 88 and 89 TAP WRENCHES



Designed for securely holding ta reamers, and other tools with squ shanks that must be operated by ha The handles are permanently fixed the solid steel body. The chuck shel long and nicely knurled to prov powerful clamping action on the ca fully heat-treated steel jaws. Ja are self-opening.

Entire tool nicely polished.

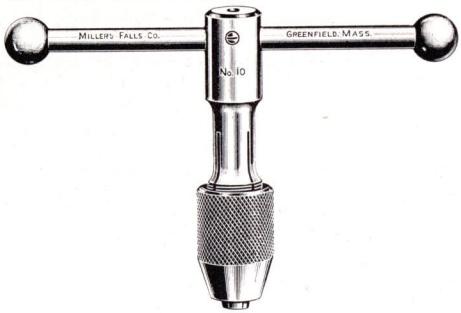
Capacities

	Hand Tap	Machine Tap	Handle	Weight	Code	Price
No. 88	1/16-¼″	0-14	3½″	3½ ozs.	YATPO	
No. 89	5/32-½″	7-20	4½″	4½ ozs.	YATYR	

Packed one in a box

NOS. 10 to 12 TAP WRENCHES

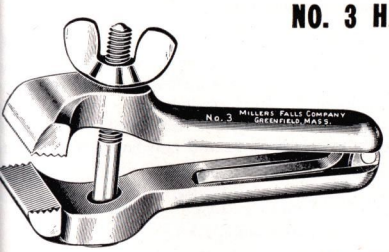
These tools are designed for accurately entering and holding taps, reamers, small drills or other small tools. They are provided with adjustable handles with ball ends which may be slipped to the extreme left or right when greater leverage is desired or when the work is in close quarters. The set screw, illustrated, locks the handle at any desired position. The chuck shells are nicely knurled. The four jaws are carefully hardened and tempered and the sleeve case hardened.



	Capacities Hand Tap	Machine Tap	Handle	Weight	Code	Price each
No. 10	1/16-1/4"	0-14	3 3/4"	2 ozs.	NAVAL	
No. 11	1/16-5/32"	0-16	5 "	4 ozs.	NAVEW	
No. 12	1/4-1/2"	14-20	6 "	8 ozs.	NAVIC	
No. 112	Set of one each Nos. 10, 11 and 12			18 ozs.	NAVVY	

Nos. 10 and 11 packed six and No. 12 two in a box
No. 112 one set in a box

NO. 3 HAND VISE



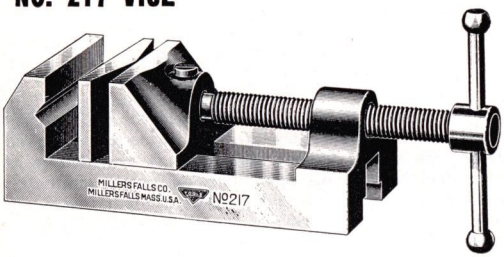
A powerful, efficient vise with a comfortable handle. Jaws and handles made of semi-steel. Jaw faces are nicely checked and provide a sure grip when tightened by means of the large steel thumb nut and screw bolt. The entire tool is nickel plated.

	Length	Width Jaws	Weight	Code	Price each
No. 3	5"	1 1/2"	1 lb.	REAKS	

Packed one in a box

NO. 217 VISE

An extremely handy vise for holding a great variety of work on a bench drill or drill press bed or on the work bench. The fixed and movable jaws have parallel faces. A removable swivel jaw is also provided. Each base rail has two holes tapped 3/8 inch-20 for fastening to bed or bench. A hand screw for clamping to a bed is provided. Jaws, sides, base and bearing surfaces accurately machined. All other faces black enameled. Clamp screw polished.



	Maximum Capacity	Width Jaws	Weight	Code	Price each
No. 217	3 1/8"	2 3/8"	4 1/2 lbs.	DEIGN	

Packed one in a box

MILLERS FALLS TOOLS SINCE 1868

NOS. 663-664 BENCH VISES

Rigid Twin Guide Rod Construction

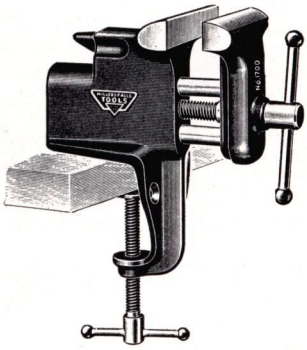
The twin guide rod construction of these vises was originated by Goodell-Pratt and marked a big advance in vise construction.

They are operated by an accurately cut-steel feed screw. Two steel guide rods are provided to insure rigidity. All parts are carefully fitted so that the jaws are easily operated, but without lost motion. After the vise is completely assembled, the jaws are machined so that they will meet accurately. Clamp to bench up to and including 2 inches thick.

All steel parts are polished and all iron parts are finished in black enamel.

	Width Jaws	Jaws Open	Weight	Code	Price each
No. 663	1½"	1½"	2¼ lbs.	ZAGIT	
No. 664	2½"	2½"	8 lbs.	ZAGOV	

Packed one in a box



NOS. 161-1700 BENCH VISES

Rigid Twin Guide Rod Construction

These vises are similar to those above but not so fine a finis The twin guide rod construction insures smooth action a rigidity of the movable jaw. Jaws milled parallel after t vise has been assembled. Small anvil on body casting. Bo and movable jaws black enameled. All exposed steel pa polished. Clamp to bench up to and including 2 inches thi

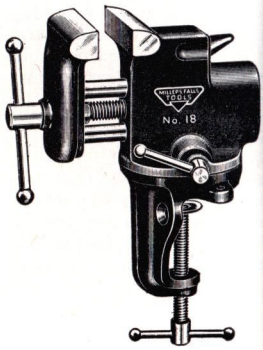
	Width Jaws	Jaws Open	Weight	Code	Price e
No. 161	2 "	2 "	3¾ lbs.	YEGCA	
No. 1700	2½"	2¼"	4 lbs.	YEGLO	

Packed one in a box

NO. 18 SWIVEL VISE

Swivel Base. Twin Guide Rods

This vise is similar to No. 1700 above with the addition of a swivel base which permits the jaws to be swung to any desired angle. The swivel clamping mechanism is controlled by a small steel lever at the right. Twin guide rod construction gives smooth action and rigidity. Jaws 2½ inches wide are milled after vise is assembled for close fitting. Clamps to bench up to and including 2 inches thick.



Body finished in red enamel. Movable jaw in black enamel.

	Width Jaws	Jaws Open	Weight	Code	Price each
No. 18	2½"	2¼"	5⅜ lbs.	YEGMA	

Packed one in a box

DRILL CHUCKS

Straight Round Shanks

This chuck was originated by Goodell-Pratt over 40 years ago and has been supplied as regular equipment on millions of our hand and breast drills. It has been supplied in tremendous quantities to manufacturers as regular equipment on a wide variety of products. In every instance performance has been highly satisfactory.

Made entirely of steel with carefully hardened and tempered jaws actuated by three small coil springs. The shanks are carefully fitted to, and tested with, the chuck with which they are shipped. This and the care used throughout manufacture accounts for the high standard of trueness maintained at the very moderate prices at which they are offered.

These chucks can be easily tightened or loosened by hand. No spanner or wrench is required. The chuck shell is nicely knurled affording a positive and comfortable grip. The shanks are lathe ground to ½ inch diameter. Shell, back and shank nicely polished.

	Capacity	Shell Diameter	Weight	Code	Price each
No. 15	0 to ¼″	1 ″	⅜ lb.	WYNUS	
No. 15½	0 to ⅜″	1 5/16″	⅝ lb.	WYPOS	
No. 16	0 to ½″	1 ½″	⅞ lb.	WYROV	

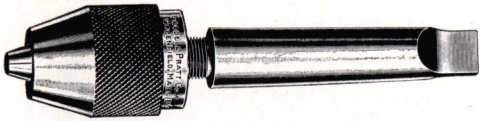
Without Shanks

These are the same chucks listed above but without shanks.

	Capacity	Back Threaded	Weight	Code	Price each
No. 15	0 to ¼″	7/16″ (.443) 26NS	¼ lb.	WEBAL	
No. 15½	0 to ⅜″	1 9/32″ (.467) 24NS	½ lb.	WEBEN	
No. 16	0 to ½″	9/16″ (.560) 24NS	⅝ lb.	WEBIT	

Packed one in a box

CHUCKS WITH MORSE TAPER SHANK



These drill chucks are identical to those listed above but are fitted with precision ground, No. 1 or No. 2, Morse Taper Shanks.

In ordering, please be sure and specify size shank desired.

	Capacity	Weight No. 1 M.T.	Weight No. 2 M.T.	Code	Price each
No. 15 M.T.	0 to ¼″	⅜ lb.	½ lb.	WYORV	
No. 15½M.T.	0 to ⅜″	⅝ lb.	¾ lb.	WYRIT	
No. 16 M.T.	0 to ½″	⅞ lb.	1 lb.	WYSET	

Packed one in a box

MILLERS FALLS TOOLS
SINCE 1868

MILLERS FALLS DRILL CHUCKS

These chucks have been used for years on Millers Falls Hand and Breast Drills, with complete satisfact to the user. They are fitted with or without plain round shanks and hold round shank drills within th capacity securely and with surprising accuracy for the low price at which they are sold. Manufactur interested in chucks in large quantities for equipment purposes are requested to ask for special, la quantity prices.

They are made entirely of steel with three hardened jaws actuated by concealed springs t cannot be damaged from without. The shells are nicely knurled to give a good grip for tighten and loosening.

The chucks listed below are regularly equipped with ½ inch round shanks 2½ inches long.

	Capacity	Shell Diameter	Weight	Code	Price
No. 5	0 to ¼"	1 "	½ lb.	EARLY	
No. 6	0 to ⅜"	1 ¼"	¾ lb.	EADEL	
No. 7	0 to ½"	1 ½"	1 ⅛ lbs.	EAGLE	

Furnished with flattened shank for set screw without extra charge.

Without Shanks

These are the same chucks listed above but without shanks.

	Capacity	Shell Diameter	Backs Threaded	Weight	Code	Price
No. 5	0 to ¼"	1 "	7/16" (.432) 22NS	¼ lb.	EARSH	
No. 6	0 to ⅜"	1 ¼"	7/16" (.432) 22NS	½ lb.	EASTR	
No. 7	0 to ½"	1 ½"	9/16" (.560) 24NS	⅝ lb.	EAVES	

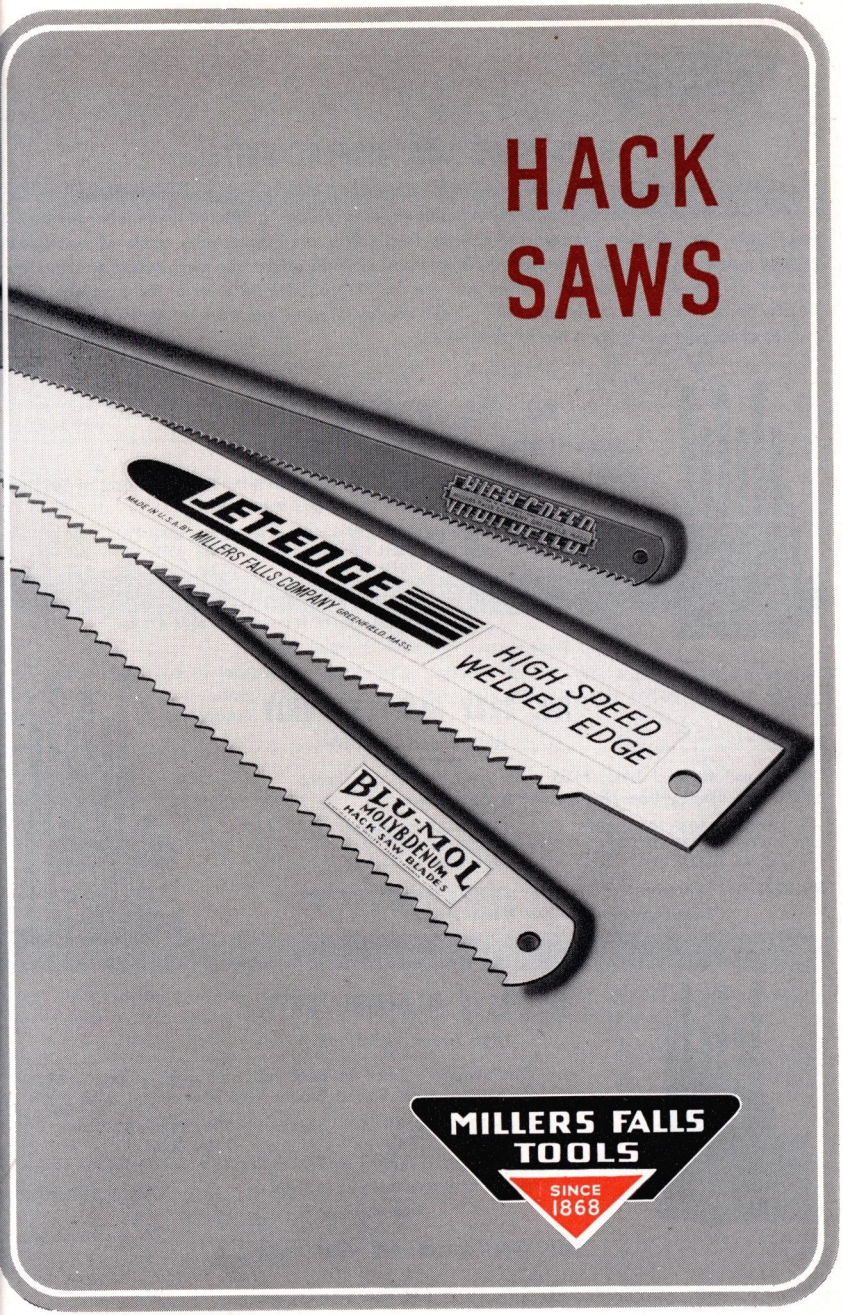
Packed one in a box

NO. 153 BREAST DRILL CHUCK

This chuck is interchangeable with the three-jawed chucks found on any Millers Falls or Goodell-P Breast Drill. It is of the Universal type holding ⅛ to ½ inch round shank drills, square bit brace sha or No. 1 Morse Taper Shanks.

Nicely polished and knurled.

	Capacity	Back Threaded	Weight	Code	Price
No. 153	Universal	9/16" (.560) 24NS	⅞ lb.	DILAT	


HACK
SAWS
HIGH SPEED
WELDED EDGE
JET-EDGE
MADE IN U.S.A. BY MILLERS FALLS COMPANY GREENFIELD, MASS.
BLU-MOL
MOLYBDENUM
HACK SAW BLADES
MILLERS FALLS
TOOLS
SINCE
1868

MILLERS FALLS TOOLS
SINCE 1868

HAND HACK SAW DISPLAY UNITS

The three display units listed below, consisting of a display fixture and a very moderate quantity of carefully balanced pitches of 10 and 12 inch blades, will increase the sales of hand hack saws again and again. The display fixtures are entirely free. They are substantially made of wood and pressed wood panels nicely finished and silk screened in three colors: one combination of colors for the new Blu-Flex Blade, one for Tuf-Flex and one for Blu-Mol. The list price of the complete unit is the standard list price of the blades only. These displays require less than one half square foot of counter space and will make it highly profitable.

NO. 550 TUF-FLEX UNIT

Super-Flexible Super-Tough Special Alloy

Display finished as illustrated at left. The assortment of Tuf-Flex Blades (see following page) is as follows:

20 No. 53FH 10″ — 18T	20 No. 55FH 12″ — 18T
20 No. 63FH 10″ — 24T	20 No. 65FH 12″ — 24T
10 No. 73FH 10″ — 32T	10 No. 75FH 12″ — 32T

No. 550 Tuf-Flex Display Unit Complete — Display Fixture Free

Packed one unit in a carton Weight 4½ lbs.

NO. 2222 BLU-FLEX UNIT

High Speed Flexible

Display unit finished blue, black and gold. The assortment of Blu-Flex Blades (see next page) is as follows:

10 No. 1018BF 10″ — 18T	10 No. 1218BF 12″ — 18T
10 No. 1024BF 10″ — 24T	10 No. 1224BF 12″ — 24T
5 No. 1032BF 10″ — 32T	5 No. 1232BF 12″ — 32T

No. 2222 Blu-Flex Display Unit Complete — Display Fixture Free

Packed one unit in a carton Weight 2½ lbs.

NO. 1112 BLU-MOL UNIT

High Speed All Hard

Display unit finished in blue, red and gold. The assortment of Blu-Mol High Speed Blades (see next page) is as follows:

10 No. 1018M 10″ — 18T	10 No. 1218M 12″ — 18T
10 No. 1024M 10″ — 24T	10 No. 1224M 12″ — 24T
5 No. 1032M 10″ — 32T	5 No. 1232M 12″ — 32T

No. 1112 Blu-Mol Display Unit Complete — Display Fixture Free

Packed one unit in a carton Weight 2½ lbs.

FOR SHELF STOCK SEE NEXT PAGE

MILLERS FALLS TOOLS
SINCE 1868

HIGH SPEED

These are the finest of molybdenum high speed steel blades guaranteed to give fast, economical performance in cutting the harder, tougher steels. They are made in two types—all hard and flexible.

BLUE-MOL® — **ALL HARD HIGH SPEED** — *Packed 100 in a box*

Length	Width	Thickness	Order by Numbers Below — Teeth per inch 14	18	24	32	Weight per box 100	List Price per 100
10	½	.025		1018M	1024M	1032M	3⅝	
12	½	.025	1214M	1218M	1224M	1232M	4¼	

BLU-FLEX® — **HIGH SPEED FLEXIBLE**

10	½	.025		1018BF	1024BF	1032BF	3⅝	
12	½	.025	1214BF	1218BF	1224BF	1232BF	4½	

TUF-FLEX® SPECIAL ALLOY

U. S. Patent No. 2,252,869

The finest of all general purpose saws

An entirely new type of flexible saw made of a patented special alloy steel. It is super-flexible, super-tough—practically unbreakable in use. The teeth will not strip when cutting even the lightest tubing, pipe or thinnest sheets.

Packed 100 in a box

Length	Width	Thickness	Order by Numbers Below — Teeth per inch 14	18	24	32	Weight per box 100	List Price per 100
10	½	.025		53FH	63FH	73FH	3⅝	
12	½	.025	45FH	55FH	65FH	75FH	4¼	

STANDARD STEEL

High grade blades made of standard analysis of tungsten alloy steel with an exact and uniform heat treatment which makes them economical to use in mild steels, non-ferrous metals, etc.

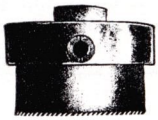
Packed 100 in a box

Length	Width	Thickness	Order by Numbers Below — Teeth per inch 14	18	24	32	Weight per box 100	List Price per 100
ALL HARD								
10	½	.025		13	23	33	3⅝	
12	½	.025	5A	15A	25A	35A	4¼	
FLEXIBLE								
10	½	.025		53	63	73	3⅝	
12	½	.025	45A	55A	65A	75A	4¼	

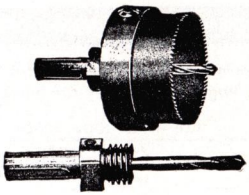
14T and 18T Blades Standard Set. 24T and 32T Wavy Set.

MILLERS FALLS TOOLS SINCE 1868

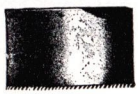
HIGH SPEED HOLE SAWS



Cup and Saw



Mandrel



Saw

Replaceable Saws and Drills

With a cutting edge or blade made of the finest molybdenum high speed steel hardened and tempered for fast cutting in the hardest alloy steels or any other machinable material. Originally developed for the use of automotive mechanics, steamfitters, plumbers, millwrights and electricians they are finding many cost saving applications on construction jobs and in industry.

They can be taken to the job since they are readily driven by any portable power tool with a ½ inch or larger chuck, or they can be used in a drill press, lathe and some other machine tools.

The saw or blade is rigidly locked in the body or cup by means of an expansion bolt. The assembled cup and saw is driven by a mandrel which screws into the top of the cup. The mandrel also holds and drives a pilot drill which enters the work ahead of the saw at the desired center of the hole to be cut. Knockout springs are supplied on mandrels of sizes ¾ to 3½ inches inclusive, to facilitate removal of the plug cutout. Larger sizes have knockout holes in the top of the cup.

Saws and pilot drills can be replaced quickly and easily at very small cost when worn out. The cups and mandrels can be used indefinitely making this the most economical saw of its type available.

CUTTING DEPTH ⅞ INCH — **Code: LUBE**

Size Inches	Cup and Saw No.	Cup and Saw Price	Saw Only No.	Saw Only Price	For Pipe Tap Size	For Pipe Entrance Size
¾	12		012			⅜
⅞	14		014		¾	½
1 5/16	15		015			
1	16		016			
1 1/16	17		017			
1 ⅛	18		018		1	¾
1 ¼	20		020			
1 ⅜	22		022			1
1 ½	24		024		1 ¼	
1 ⅝	26		026			
1 ¾	28		028		1 ½	1 ¼
1 ⅞	30		030			
2	32		032			1 ½
2 1/16	33		033			
2 ⅛	34		034			
2 ¼	36		036		2	
2 ⅜	38		038			

Size Inches	Cup and Saw No.	Cup and Saw Price	Saw Only No.	Saw Only Price	For Pipe Tap Size	For Pipe Entrance Size
2 ½	40		040			2
2 ⅝	42		042		2 ½	
2 ¾	44		044			
2 ⅞	46		046			
3	48		048			2 ½
3 ⅛	50		050			
3 ¼	52		052		3	
3 ⅜	54		054			
3 ½	56		056			
3 ⅝	58		058			3
4	64		064			
4 ⅛	66		066			3 ½
4 ¼	68		068			
4 ¾	76		076		4 ½	
5 ⅛	82		082			
5 ⅝	90		090			

MANDRELS WITH PILOT DRILLS

	Weight	Code	Price ea
No. 1218 for sizes Nos. 12 to 18	¼ lb.	LUDAM	
No. 2054 for sizes Nos. 20 to 56	½ lb.	LUDET	
No. 5890 for sizes Nos. 58 to 90	½ lb.	LUDIZ	
Extra Pilot Drills		LUDOR	

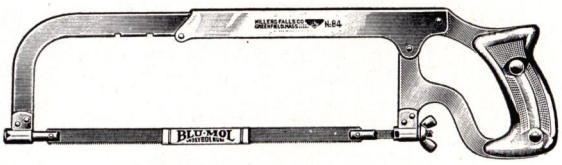
Packed one Saw, one Cup and Saw or one Mandrel in a box

HACKSAW FRAMES

MILLERS FALLS TOOLS
SINCE 1868

MILLERS FALLS TOOLS
SINCE 1868

NO. 84 HACK SAW FRAME



The Finest Frame Ever Made

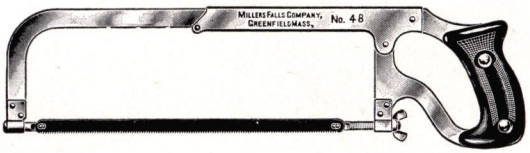
The frame is made of fine quality steel 3/16 inch thick by 13/16 inch wide and the back is hard, tough steel 1/16 inch thick. The rear portion of the frame, stamped from 3/16 inch steel, affords a rigid support for the handle and a guard that gives complete protection to the hand. The handle is made of unbreakable, transparent red "Tenite" comfortably shaped and checked to afford a good grip.

Easily adjustable for 8 to 12 inch blades which are held by sturdy studs with heavy pins set in clips that permit facing the blade in four directions. Any desired tension on the blade can be secured by turning up the large wing nut at the rear. Equipped with a Millers Falls "Blu-Mol" High Speed Hack Saw Blade. Beautifully polished, heavily nickel plated and buffed throughout.

	Capacity	Depth	Stock	Weight	Code	Price each
No. 84	8-12″	3 1/4″	3/16 x 13/16″	1 lb. 15 ozs.	IGOTU	

Packed one in a box

NO. 48 HACK SAW FRAME

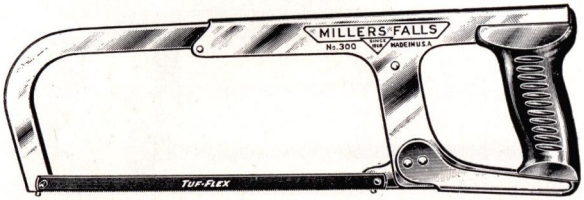


For design, serviceability and price appeal in the higher quality field this frame has never been approached. Its unusual rigidity and fine balance, combined with its finely polished, nickel plated and buffed finish, are sure to make it one of the year's best sellers. The fully guarded handle is made of unbreakable, black "Tenite." It is nicely checked to afford a comfortable, sure grip. Adjustable for 8 to 12 inch blades. Equipped with one 10 inch blade.

	Capacity	Depth	Stock	Weight	Code	Price each
No. 48	8-12″	3 1/4″	3/16 x 11/16″	1 3/4 lbs.	INPAR	

Packed one in a box

NO. 300 HACK SAW FRAME



The new lever tensioning device with which this fine new frame is equipped supplies more tension with less effort, easier and quicker blade changing, more accurate cutting and more cutting value from every blade. Tension is released by pulling down the lever that hugs the bottom of the frame below the handle. It is instantly restored after the blade has been changed and the lever snapped back into the normal position.

The heavy duty frame is very rigid insuring lasting alignment of the blade. It is made of 3/16 x 3/4 inch steel and the back is stamped 1/16 inch hard steel as is the entire handle frame.

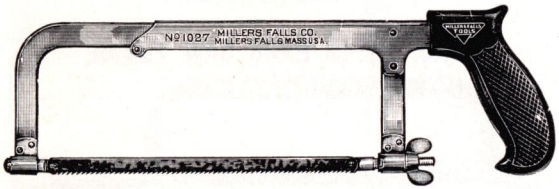
The handle is made of tough, unbreakable, red "Tenite" molded on in one piece. It gives a sure, comfortable grip. The frame has an unusually pleasing balance. Quickly adjustable for 10 or 12 inch blades which may be faced in any of four directions.

All exposed metal parts beautifully polished, nickeled and buffed. A 10 inch Millers Falls "Tuf-Flex" Special Alloy, Flexible Blade is supplied with each frame.

	Capacity	Throat	Stock	Weight	Code	Price each
No. 300	10-12"	3 7/8"	3/16 x 3/4"	2 lbs.	IBYOR	

Packed one in a box

NO. 1027 HACK SAW FRAME



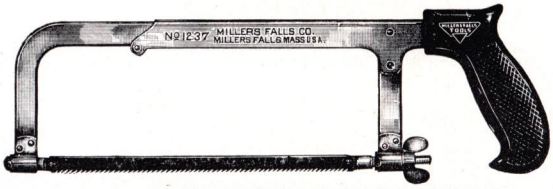
A fine quality frame that appeals instantly to the tool-wise purchaser. The heavy back reinforcement extends down the entire length of the molded black pistol grip handle making it practically unbreakable. The hang is excellent. Adjustable for 8 to 12 inch blades which can be faced in four directions. Equipped with one 10 inch blade. Finely polished, nickel plated and buffed.

	Capacity	Depth	Stock	Weight	Code	Price each
No. 1027	8-12"	3 1/4"	3/16 x 11/16"	1 3/4 lbs.	ICHNO	

Packed two in a box

MILLERS FALLS TOOLS
SINCE 1868

NO. 1237 HACK SAW FRAME



A substantial and serviceable frame with specially reinforced back and fitted with the popular black molded pistol grip handle with metal reinforcement its entire length. Easily adjustable for 8 to 12 inch blades which can be faced in four directions. Equipped with one 10 inch blade.

All exposed metal parts nickel plated.

	Capacity	Depth	Stock	Weight	Code	Price each
No. 1237	8-12″	3 1/4″	3/16 x 11/16″	1 3/4 lbs.	INVER	

Packed two in a box

NO. 99 HACK SAW FRAME

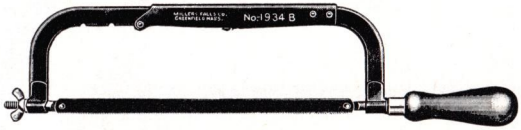
A serviceable frame offered at a very attractive price. The handle is made of black composition, reinforced its entire length, knurled and shaped to give a sure, comfortable grip. The balance is excellent. The frame construction is substantial and permits ample tension on the blade by means of a wing nut. Blade can be faced four ways. Equipped with one 10 inch hack saw blade. Quickly and positively adjustable for 8 to 12 inch blades.

All exposed metal parts nickel plated.

	Capacity	Depth	Stock	Weight	Code	Price each
No. 99	8-12″	2 3/4″	5/32 x 11/16″	1 1/8 lbs.	INNOT	

Packed four in a box

NO. 1934B HACK SAW FRAME



A sturdy, rigid frame built specially to meet Federal Specifications. It is easily adjustable for 8 to 12 inch blades which can be faced in any of four directions. Ample tension is secured by the wing nut on the outer stud. Finished in black "Ebonite" finish with the handle of mahogany lacquered hardwood.

No blade furnished with this frame.

	Capacity	Depth	Stock	Weight	Code	Price each
No. 1934B	8-12″	3″	3/16 x 11/16″	1 1/8 lbs.	ICORT	

Packed two in a box

NOS. 125 and 126 HACK SAW FRAMES

Well made, non-adjustable frames, low price. Made for 10 and 12 inch blades which may be faced in any one of four directions. Blade tension secured by turning the straight, mahogany finished, hardwood handle. One blade furnished with each frame. All exposed metal parts nickel plated.

	Capacity	Depth	Stock	Weight	Code	Price each
No. 125	10″	3 1/8″	3/16 x 11/16″	1 lb.	IMBED	
No. 126	12″	3 1/8″	3/16 x 11/16″	1 1/4 lbs.	IMBUE	

Packed two in a box

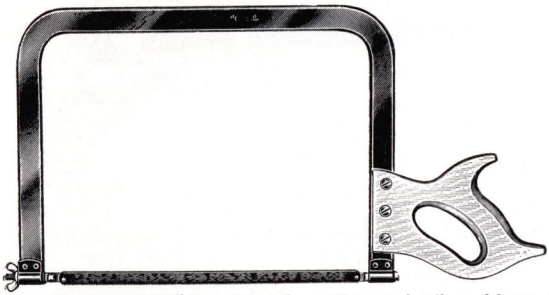
NO. 515A HEAVY DUTY HACK SAW FRAME

Made for extra heavy cutting of large rods, bars, rails, structural shapes, etc. The heavy backs have smooth, even bends. Ample blade tension is secured by turning the large wing nut on the outer stud. Blades can be faced in four directions. One 12 inch blade furnished with each frame. Attractively finished in black enamel with a mahogany finished hardwood handle.

	Capacity	Depth	Stock	Weight	Code	Price each
No. 515A	12″	5 1/4″	1/4 x 1″	2 lbs.	ILIAC	

Packed one in a box

NO. 24 RAIL SAW



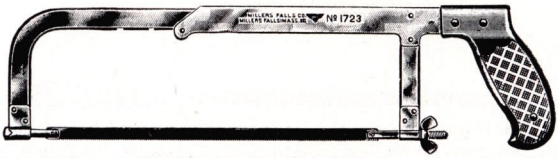
A heavy duty frame with a deep 10 1/4 inch throat for cutting steel rails and large structural shapes. Handles are selected hardwood shaped to give a sure, comfortable grip. The large wing nut gives ample tension on the blade which can be faced in four directions. One 12 inch blade furnished. Nicely black enameled with handle in natural lacquered finish.

	Capacity	Depth	Stock	Weight	Code	Price each
No. 24	12″	10 1/4″	1/4 x 1″	3 5/8 lbs.	ILECK	

Packed one in a box

MILLERS FALLS TOOLS
SINCE 1868

NO. 1723 HACK SAW FRAME

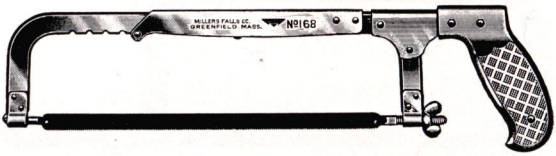


A serviceable, all-metal frame adjustable for 8 to 12 inch blades. Pressed steel pistol grip handle checked to give a good, sure grip. Blades can be faced four ways. Thumb nut provides ample tension on blade. One 10 inch blade furnished with each frame. Entire frame nickel plated.

	Capacity	Depth	Stock	Weight	Code	Price each
No. 1723	8-12″	3 ¼″	3/16 x 1 1/16″	1 ½ lbs.	IMPEL	

Packed two in a box

NO. 168 HACK SAW FRAME



Frame well constructed throughout and fitted with an indestructible all-metal pistol grip handle. It is adjustable for 8 to 12 inch blades which may be faced in any of four directions. Thumb nut provides blade tension. Entire tool well nickeled. Equipped with one 10 inch blade.

	Capacity	Depth	Stock	Weight	Code	Price each
No. 168	8-12″	2 ¾″	5/32 x 1 1/16″	1⅓ lbs.	INROT	

Packed four in a box

NO. 237 KEYHOLE HACK SAW

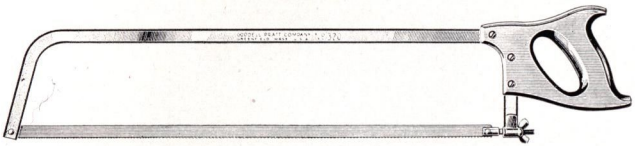
The new handle with which this famous little tool is now equipped will make it more popular than ever. It gives a surer grip and better control. It is nicely finished in red and black enamel.

The blade with 18 teeth per inch has carefully hardened and tempered teeth and a soft flexible back which minimizes breakage. It cuts nails, metal lath, plaster board, stucco, armored cable, conduit, packing, bone, bakelite, fibre, hard and soft wood, etc., etc. It can be used in countless places where the ordinary hack saw will not operate.

	Length Blade	Length Overall	Weight	Code	Price each
No. 237	5 ½″	9 ½″	4 ozs.	YEYAT	
					Price doz.
No. 7	Extra Blades 18 Tooth			YEYDB	
No. 8	Extra Blades 24 Tooth			YEYGA	

Packed six complete saws or one dozen blades in a box

NO. 320 BUTCHER SAW FRAMES



Sturdy, well balanced frames, well built throughout for long satisfactory service. The frame is made of nicely finished 1/4 by 3/4 inch round edge steel. Each frame is equipped with a high quality 5/8 inch spring tempered saw blade tensioned by means of a large wing nut operating on the rear stud. The comfortably shaped hardwood handle has a natural lacquered finish. Frame and parts nickel plated.

	Length	Depth	Stock	Weight	Code	Price each
No. 320	18"	5"	1/4 x 3/4"	1 7/8 lbs.	YILIX	
No. 320	22"	5"	1/4 x 3/4"	2 1/8 lbs.	YILLA	
No. 320	24"	5"	1/4 x 3/4"	2 3/8 lbs.	YILKO	

Packed two in a box

NO. 420 BUTCHER SAW BLADES

Made from the finest quality of spring steel, 5/8 inch wide, tempered, ground and polished. The teeth are set and filed after setting, making a very free, fast-cutting blade. Ends are rounded and punched to length.

	Length	Width	Weight, Box	Code	Price doz.
No. 420	18"	5/8"	5 lbs. 5 ozs.	YOJKO	
No. 420	22"	5/8"	6 lbs. 3 ozs.	YOJLE	
No. 420	24"	5/8"	7 lbs.	YOJMA	

Packed one-half gross in a box

NO. 83 KITCHEN SAW

A well made, serviceable saw for use in the home for cutting green bone and frozen meat The frame is made of 3/16 by 1/2 inch round edge steel. The handle is made of selected hardwood with a natural lacquer finish.

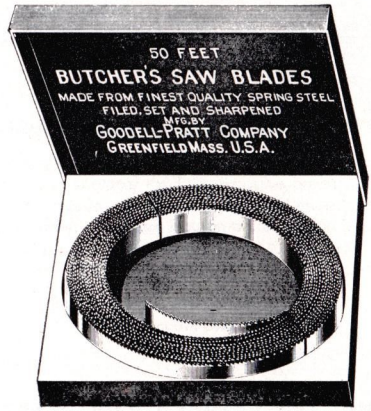
Each frame is equipped with a polished and tempered blade, 1/2 inch wide, which is filed and set for fast, free cutting.

	Length Blade	Stock	Weight	Code	Price each
No. 83	14"	3/16 x 1/2"	7/8 lb	YASIR	
					Price doz.
Extra Blades 14"			1/2 lb. per doz.	YASFA	

Packed six frames in a box; six dozen blades in a box

MILLERS FALLS TOOLS
SINCE 1868

BUTCHER SAW BLADES IN COILS



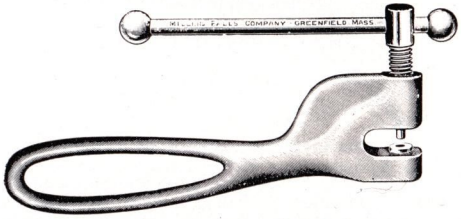
These coils are made of one continuous strip of the finest quality, spring tempered steel with a brig ground and polished finish. The teeth are set and then filed after setting, making them exceptiona sharp and ready for immediate use. The teeth are correctly shaped and pitched — 11 teeth per i — for free, easy cutting. They can be readily refiled with the proper equipment.

Supplied in either 25 or 50 foot coils put up in a box from which they are easily dispensed in t desired lengths.

	Length	Width	Teeth	Weight	Code	Price per
No. 251	25′	5/8″	11	1 1/4 lbs.	YIALM	
No. 252	25′	3/4″	11	1 3/4 lbs.	YIANP	
No. 311	50′	5/8″	11	2 1/2 lbs.	YIJUP	
No. 312	50′	3/4″	11	3 1/2 lbs.	YIKAL	

Packed one coil in a box

NO. 200 BUTCHER SAW PUNCH



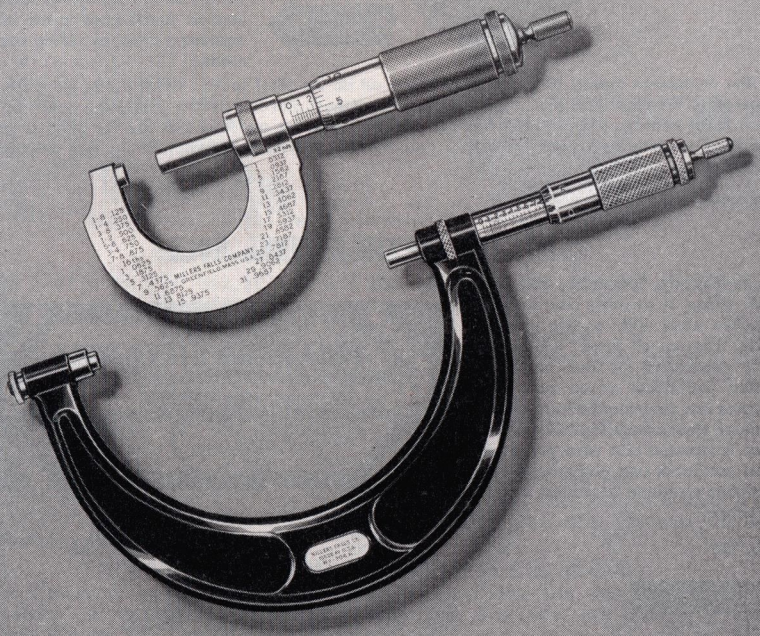
There is so much variation in the sizes of various styles of butcher's saw frames that most of the bet class of butcher's saw blades or coils are not punched when they leave the factory. All dealers in, a users of, these blades will find this inexpensive device very convenient for punching the necessary hol

The frame is made of black enameled, malleable iron. The screw and crossbar are polished ste The punch and die are made from fine tool steel carefully hardened and tempered to punch spring ste

	Size Hole	Length	Weight	Code	Price e
No. 200	11/64″	5 3/4″	7 ozs.	YEMAJ	

Packed one in a box

PRECISION TOOLS



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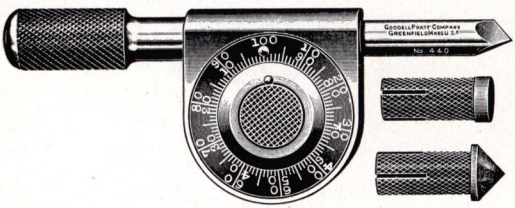
NO. 440 SPEED INDICATOR



A very useful, easily operated ind
cator selling at a low price and ha
ing many sterling features.

The fixed dial is graduated bo
ways so that the speed of clockwi
or counterclockwise shafts can b
read directly. The rotating dial
quickly set to 0 by merely turning t
knurled thumb screw to the left a
tightening after the setting has be
made.

The mechanism consists of a burnished worm cut on the steel spindle which drives the worm ge
operating the recording dial. The spindle is hardened and the contact pressure is taken up on
ball thrust bearing. Two rubber tips are furnished, one for centered and one for plain or pointe
shafts. Complete instructions for setting and reading with each indicator. Entire tool polished a
nickel plated.

	Length	Weight	Code	Price e
No. 440	4 ¼"	6 ozs.	YOMOB	

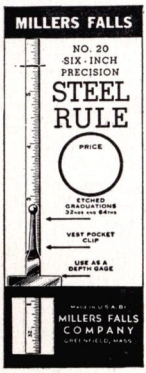
Packed one in a box

NO. 106 FLEXIBLE STEEL RULE

A high grade, flexible six inch steel rule made of carefully heat-treated crucible steel with a fine ground satin finish on all faces. It is precision graduated on two edges in 16ths and 32nds of an inch. The figures are deeply etched and shaded for quick, easy legibility. Each rule is mounted on a card printed in red and black and packed in a cellophane envelope to protect it from moisture.

	Length	Width	Thickness	Weight Box	Code	Price e
No. 106	6"	5/8"	1/100"	4 ozs.	WYUVA	

Packed six in a box



NO. 20 VEST POCKET RULE

An extremely convenient, six inch precision steel rule for carrying in the vest pocket. It is equipped with a pocket clip which also acts as a base so that the rule can be used as a depth gauge.

Nicely finished and engine graduated. Both graduations and figures deeply etched for easy reading.

Graduated in 32nds of an inch on one side and 64ths of an inch on the other.

Each rule mounted on a card, as illustrated, and packed in a moisture-proof cellophane envelope.

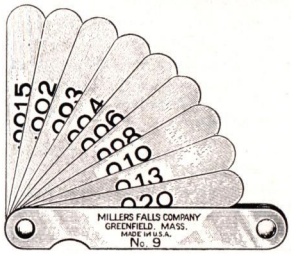
	Length	Width	Thickness	Weight Box	Code	Price each
No. 20	6"	¼"	1/20"	4 ozs.	WYUCH	

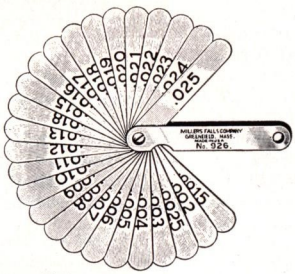
Packed six in a box

THICKNESS GAUGES

These gauges are used extensively in airplane and automobile maintenance and repair for such operations as setting spark gaps, distributor points and tappet clearances, determining piston and ring clearances, etc. Also very generally by toolmakers and machinists in jig and fixture, gauge and gauging work, shimming and experimental uses.

The leaves are made of fine, tempered steel, individually tested to very close limits and well finished. They are assembled in cases with heavy steel side plates and studs, held together by screws or rivets as the case may be. Thicknesses are clearly etched on each leaf.





NO. 6 THICKNESS GAUGE — SIX 2 5/16" LEAVES

Consists of six leaves 2 5/16" long, 1/2" wide and .002, .003, .004, .006, .008 and .010 inch thick. The case is assembled with rivets.

NO. 9 THICKNESS GAUGE — NINE 3 1/16" LEAVES

Consists of nine leaves 3 1/16" long by 1/2" wide and .0015, .002, .003, .004, .006, .008, .010, .013, and .020 inch thick. The case is assembled with rivets.

NO. 19 THICKNESS GAUGE — NINE 3 1/16" LEAVES

Consists of nine leaves 3 1/16" long, 1/2" wide and .0015, .002, .003, .004, .006, .008, .010, .012 and .015 inch thick. Leaves replaceable.

NO. 22 THICKNESS GAUGE — TWENTY-TWO 2 5/16" LEAVES

Consists of twenty-two leaves 2 5/16" long, 1/2" wide and .004, .005, .006, .007, .008, .009, .010, .011, .012, .013, .014, .015, .016, .017, .018, .019, .020, .021, .022, .023, .024 and .025 inch thick. Leaves replaceable.

NO. 25 THICKNESS GAUGE — TWENTY-FIVE 2 5/16" LEAVES

Consists of twenty-five leaves 2 5/16" long by 1/2" wide and .0015, .002, .003, .004, .005, .006, .007, .008, .009, .010, .011, .012, .013, .014, .015, .016, .017, .018, .019, .020, .021, .022, .023, .024 and .025 inch thick. The case is assembled with rivets.

NO. 926 THICKNESS GAUGE — TWENTY-SIX 3 1/16" LEAVES

Consists of twenty-six leaves 3 1/16" long, 1/2" wide and .0015, .002, .0025, .003, .004, .005, .006, .007, .008, .009, .010, .011, .012, .013, .014, .015, .016, .017, .018, .019, .020, .021, .022, .023, .024 and .025 inch thick.

	No. and Length Leaves		Width	Weight Box	Code	Price each
No. 6	6	2 5/16"	1/2"	3/8 lb.	WYGDE	
No. 9	9	3 1/16"	1/2"	1/2 lb.	WYIFO	
No. 19	9	3 1/16"	1/2"	1/2 lb.	WYROL	
No. 22	22	2 5/16"	1/2"	7/8 lb.	WYVUT	
No. 25	25	2 5/16"	1/2"	1 lb.	WYZCY	
No. 926	26	3 1/16"	1/2"	1 3/8 lbs.	WYWAR	

Packed six in a box

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MILLERS FALLS TOOLS
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